VOL. LVII. - NO. 45.

BOSTON, MASS., SATURDAY, AUGUST 6, 1898.

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LINUS DARLING,

PROPRIETOR. ISSUED WEEKLY AT

NEW YORK OFFICE, 205 TEMPLE COURT, NEW YORK CITY. TERMS:

\$2.00 per annum, in advance. \$2.50 if not paid in advance. Postage free. Single copies No paper discontinued, except at the option of the proprietor unt all arrearages are paid.

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pondence from particular tarmers, giving results of their experience, is solicited. srs should be signed with the writer's real , in full, which will be printed or not, as writer may wish. THE PLOUGHMAN offers great advantages to advertisers. Its circulation is large and among the most active and intelligent portion of the community.

Rates of Advertising: 12 1-2 cents per line for first insertion.

6 1-4 cents for each subsequent insertion.

### AGRICULTURAL.

Pick up carefully the straggling ends of the squash vines and lay them where they will fill out the vacant spaces. If they grow too far, pinch off the ends.

Nearly one-half the weight of fresh green wood is water. What's the use of damping tons of water into a kitchen stove? With reasonable forethough everybody may burn dry wood.

Tonato plants can be tied to stakes

ing more than the crop is worth, which presence of the weeds. sometimes happens when a witchgrass sod is planted the first year to an early

Shallow cultivation is the thing durwilt. Use a fine tooth harrow or culti- be worked up.

### Immense Hay Crop.

and indicate one of the greatest hay stove. Everything will be burned away tion within recent years.

The story is the same whether from Vermont, New Hampshire or Maine, or the states of southern New England: all report a heavy yield of good quality. and low prices.

Many farmers for the first time are stacking some of their crop outside the barns having no room inside. Hardly 10 AND 12 FEDERAL ST., BOSTON, MASS. anybody needs to buy standing grass. and cases are reported where auction sales were attempted but no bidders appeared. Even the hav all cut and cured is cheap, quotations running from \$4 to \$15 per ton according to quality and location. Poor hay is hard to sell at any price. Hay is likely to remain cheap this winter.

### A Neglected Vegetable.

A vegetable crop which is much negcted is the winter radish. It is a very relishing article for home use and if packed in sand in the summer will keep plump and fresh a long time. Now is the time to plant them. They can be grown as easily as flat tur-

The Rose variety is the mildest and tenderest. They should be planted the last of July and pulled before they grow very large. If they are pulled, tops and all, and set in the moist sand, close together, as they grow, they will keep fresh all winter.

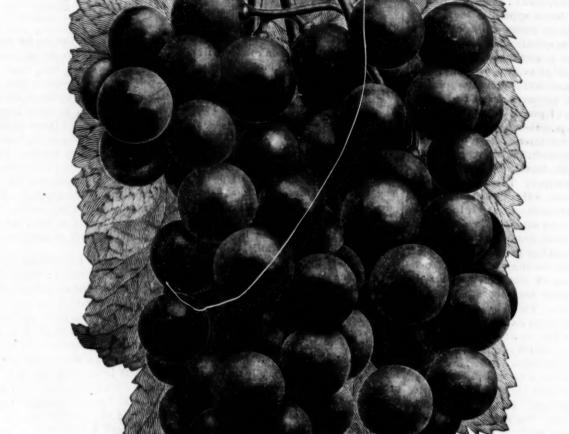
### Weeds.

Weeds persist and seem to be pos-

sessed of a vitality, these hot summer days, which causes the cultivator much annovance and hard work. It is not sufficient to cut off some weeds with the hoe, as, if allowed to remain upon the and trained upward instead of being mellow surface of the ground, they will allowed to sprawl over the ground. rapidly form new roots and continue Some space will be saved and the fruit active growth and life. The commore of it than by the ordinary method. as it will root from any of its joints, and if a single weed be cut into many pieces THE illustration of the Campbell's each piece will speedily go ahead and Early grape given this week has ap- form of itself an independent plant. peared in a previous issue but is shown Hence the exceeding great persistency

tears them off and causes the plants to some of the harder bones are not easy to ing.

liberal dose of bones it will begin to to secure it in prime condition. Cer- ally affect the crop.



## Outlook.

Reports to the State Board of Agri- beans and oats and rye. a second time as we think it the best of this weed in field and garden during culture indicate that the season congrape of our acquaintance. It is two sultry dog days. In our onion and car- tinues to be remarkably free from the weeks earlier than the Concord and our rot beds, it will be cheapest in the end presence of insects in such numbers as to experience with it for the first time this to go along with a basket and pick up be particularly injurious. The potato carry the same away where no further of as doing damage, but even this insect others. be in better shape and any hoed crop farmers may be partially, at least, re- gus beetles, white grubs, strawberry sults. berry vine and fire worms.

tainly as large a crop of as good quality Reports from all sections of New Eng- Third: burn the bones in the kitchen has not been secured in as good condi-

The Massachusetts Agricultural given. Other crops grown for forage are vetches, oats and barley, peas and barley, cow peas, turnips, rye, soja

Market-garden crops are generally five per cent of barn yard manure and with the cultivator.

### Plants in the Greenhouse.

reported in good condition and promis- twenty-five per cent of loam or sand. At harvest time loosen the beets by ing well. Prices average about as in A ton of the manure contains of the running a subsoil plow beneath, and other years, any falling off in some following named ingredients (see page they can be gathered easily. If the year leads us to speak highly of it. to go along with a basket and pick up be particularly injurious. The potato crops being balanced by increases in the control of a weed, and beetle is the one most commonly spoken to go along with a basket and pick up be particularly injurious. The potato crops being balanced by increases in the control of the crops being balanced by increases in the crops being balanced by the crops being balanced by the cr for 1895), pounds, moisture 1340, nitro-crop ought to be 1,000 to 2,000 bushels, early summer when grass is at its best HoE off witchgrass in August, and trouble will be given. It is the small does not appear to be as destructive as Early potatoes have not been gener- gen 10, potash 11, phosphoric acid 8; according to the season. In a good the larger part of it will be killed, weed, hardly visible, that is the quickly usual. There are several reports from ally dug yet, but the returns seem to worth at Experiment Station valuations cellar they will keep until May. It is while cutting off in spring seems rather killed weed, but in practical farm work Hampden County that the elm tree leaf indicate that the crop, as a whole, will \$2.06. The organic matter of the mato stimulate its activity. The easiest it too often is impossible to kill all at beetle is at work on the elms, and this be light rather than otherwise, the hot, nure also has a value, but the organic are trying part mangels in place of a way to manage a badly infested piece is the stage of infancy. Consequently we insect would appear to be thoroughly dry weather of early July having oper- matter of peat, if properly composted cow diet wholly of dry fodder, that their to sow it to fodder corn in drills about must fight big weeds, which are great established in that section. Other in- ated to check their growth in most in- with a carbonated alkali, is equal in cattle never looked so well before, nor the first of June. The grass begins to robbers of plant food as well as moist- sects reported as doing damage are cur- stances. No complaint of blight is every respect to the organic matter of so well kept up their appetite and flow be feeble then, and between the cultiva- ure. The hens, chickens and pigs, and rant worms, tent caterpillars, squash noted as yet. Prices generally rule barn yard manure, and can be obtained of milk. tion of the corn and its shade, when it even the cows and horses, will relish bugs, cabbage maggots, onion maggots, high, but reports have been made only at very much less cost in most places. grows tall, most of the grass will die some of the weeds, and the stock canker worms, rose bugs, cut worms, on the very first digging, and cannot be Spent hops from the breweries make a The following year the piece will should have all there are, that the horn flies, squash vine borers, aspara- taken as surely indicative of later re- good substitute for manure, the analysis of their ash is: Potash 1.45, lime 23.70, can be grown without the hoeing cost- imbursed for the loss incurred by the fleas, grasshoppers, plant lice and cran- Apples will be a light crop for a bear- magnesia 2.75, phosphate of iron 2.50, ing year, not having set well and having sulphuric acid 3.05, phosphoric acid Spring Farm, of Worcester, Mass., it will be natural for her to breed at the M. Sumner Perkins. Indian corn has come forward very also dropped badly. Pears will also be 4.10, carbonic acid 9.00, chloride sodi-sends us his report of tests made in his desired time. This method is now being rapidly during the recent hot weather a light crop. Peaches are generally re- um 2.95, chloride potassium 0.70, silica herd recently which gave excellent reand is now generally in good condition. ported as most unpromising. Plums soluble 27.10, sand and charcoal 21.80; sults. The first was that of his Jersey who grow lambs to be dropped in early Three Ways With Waste Bones. Some correspondents qualify their state-promise a fair crop and quinces a good total 99.10, percentage of ash 10.40. In cow, Pussy Stoke Pogis, No. 62,547. winter; and it seems to work equally ments in regard to the crop by saying crop. Grapes generally promise well general, greenhouse plants so far as the She is a daughter of Garfield Stoke well with cows. It is easier to create a Ing a drouth. The soil that is stirred To get rid of bones there are three that it is late, but with good growing though there is some complaint that stem and leaf is concerned, with the Pogis, 15,963, and Pussy Baker, 6,994, In spreads over the moist soil under- simple and cheap ways. First: grind weather the prospect is that it will soon they are not as forward as they should heat, abundant watering and care they who has a test of seventeen pounds, heath and acts as a cork to stop the soil or cut them for the poultry. The fowls regain all lost ground. The proportion be. The returns do not warrant any receive, are thrifty and grow luxurianttibes which would let the water out. will get the food value out of the bones that will be put into the silo varies very definite statement as to cranber ly; but a frequent complaint is made tested daughters. Pussy Stoke Pogis A dairyman can expect no profit from But the top layer itself becomes dry and will get the food value out of the bones that will be put into the silo varies very definite statement as to cranber it. Whether that the plants run to stem and leaf and calved March 11, 1898, and in seven a cow until she has paid for her keep.

Whether that the plants run to stem and leaf and calved March 11, 1898, and in seven a cow until she has paid for her keep.

Whether that the plants run to stem and leaf and calved March 11, 1898, and in seven a cow until she has paid for her keep. from exposure to the air. Hence the value in the manure. This is the best portion is largest in Worcester County was, on the whole, hardly up to the thinner the top layer is made, the better.

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Besides with many crops the deep s how full of roots and too deep stirring But not everybody has a bone mill, and everywhere steadily, if slowly, increasin good condition. The recent rains difficulty is easily obviated by removing one ounce to the pound in working, all the food she can eat to maintain The hay crop is everywhere reported have generally helped those that were the cause, which is in using a manure made twenty pounds one ounce of well her, then her returns are minus. It is Vator in the field and a rake in the garSecond: bury the bones under orchard as very good indeed, larger if anything, getting short and with favorable weather not properly balanced, containing too worked marketable butter.

The hay crop is everywhere reported as very good indeed, larger if anything, getting short and with favorable weather not properly balanced, containing too Second: bury the bones under orchard as very good indeed, larger if anything, getting short and with lavorable weather trees or under vines, and bury them than last year's exceptional yie'd. At all should do well in future.

Second: bury the bones under orchard trees or under vines, and bury them than last year's exceptional yie'd. At all should do well in future.

Rye, oats and barley appear to be phosphoric acid and alkalies: therefore the time of making returns, having was fed fourteen pounds. fine soil will skim over easily after every ing to dig them out. By this method practically completed in all sections. Shows the milk and butter. If we could draw about average crops, being certainly up reduce the proportion of nitrogen, or at pasture and was fed fourteen pounds the milk and butter. If we could draw about average crops, being certainly up reduce the proportion of nitrogen, or at pasture and was fed fourteen pounds the milk and butter. If we could draw about average crops, being certainly up reduce the proportion of nitrogen, or at pasture and was fed fourteen pounds about average crops, being certainly up reduce the proportion of nitrogen, or at pasture and was fed fourteen pounds about average crops, being certainly up reduce the proportion of nitrogen, or at pasture and was fed fourteen pounds about average crops, being certainly up reduce the proportion of nitrogen, or at pasture and was fed fourteen pounds about average crops, being certainly up reduce the proportion of nitrogen, or at pasture and was fed fourteen pounds about average crops, being certainly up reduce the proportion of nitrogen, or at pasture and was fed fourteen pounds about average crops, being certainly up reduce the proportion of nitrogen, or at pasture and was fed fourteen pounds about average crops, being certainly up reduce the proportion of nitrogen, or at pasture and was fed fourteen pounds. shower and will then need stirring the planter will need to wait a lifetime to the average and perhaps slightly what is still better, add the requisite of mixed grains per day. She makes a hard and fast line at 200 pounds of the average and perhaps slightly what is still better, add the requisite of mixed grains per day. She makes a hard and fast line at 200 pounds of the average and perhaps slightly what is still better, add the requisite of mixed grains per day.

nearly, before getting full fertilizer value and the good hay weather of the early above. There is a little complaint of quantity of phosphoric acid and alkali the thirty-third daughter of Garfield butter, and discard all animals that do of the bones, but if a tree gets a very part of the month enabled the farmers rust on oats, but not enough to matericapacity of the plant to its stem and leaf A test was also made of Alta B., 73,- making a greater stride towards a more forming capacity. In strengthening the 003, for seven days from May 30th to profitable condition of dairying than manure with phosphates and alkalies, June 5th, 1898. She gave 215 pounds, could be done in any other manner. It is a sort of bucket shop business: the form and condition in which they six ounces of milk, which made fourteen There is no doubt, that a few of these crops on record. The yield has been but the phosphate of lime. The bones that is, to try to run a dairy without are used is all important. If the mapounds, thirteen ounces of solid, well-unprofitable animals are being weeded that is, to try to run a dairy without are used is all important. even heavier than the large production mixed with wood make a hot fire and condition of pastures have both operated testing the cows, because there are alof last year, while the quality has been they have some value as fuel. The to reduce the acreage devoted to forage ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, ing the beds, powdered phosphate of ways some poor ones in most herds, in the beds, powdered phosphate of ways some poor ones in most herds, in the beds, powdered phosphate of ways some poor ones in most herds, in the beds, powdered phosphate of ways some poor ones in most herds, in the beds, powdered phosphate of ways some poor ones in most herds, in the beds, powdered phosphate of ways some poor ones in most herds, in the beds, powdered phosphate of ways some poor ones in most herds, in the beds, powdered phosphate of ways some poor ones in most herds, ways some poor ones in mo better owing to more suitable weather ashes are a good fertilizer.

The to reduce the acreage devoted to forage ways some poor ones in most nerds, and the phostime can be used to furnish the phostime can be use for harvesting. Mowings that were Bones may be composted or treated in good condition. Fodder corn is the for their board and care, leaving the phoric acid; in this form it is worth pasture. Alta B. was seven years, oases in the wilderness of unprofitable for their board and care, leaving the phoric acid; in this form it is worth pasture. nearly run out were so renovated by the heavy spring rains that they pro
the heavy spring rains that they pro
duced word.

Mowings that were Bones may be composted or treated in good condition. Fodder corn is the for their board and care, leaving the phoric acid, it they bear the composted or treated in good condition. Fodder corn is the for their board and care, leaving the with sulphuric acid if desired, but composted by with sulphuric acid if desired, but composted the time of this test, cows, but the outlook is, that for many three months old at the time of this test, with sulphuric acid if desired, but composted by three months old at the time of this test, dairyman short on butter and long on delets and oats, Hungarian grass, barley, mil
duced grant and care, leaving the for their board and care, leaving the formany dairyman short on butter and long on delets and oats, Hungarian grass, barley, mil
debts and endurance.—Practical Farwith any but the simplest of ways. let and peas and oats follow in the order mer. when the bed was formed and an imme-

diate effect is wanted, the phosphoric 18,867, and Hild, 46,148, who traced to acid should be applied in the form of a Signel and choice imported blood. ANDREW H. WARD. Pogis, 15,963.

### Most Mangels for Least Work.

rmer looking forfodder with a

raising the crop is not the knack has been secret of getting most he least work is first in doing everything by horse power, and second, by planting a trifle late.

The field shou'd be long and narrow with drills running the longest way. The machine sower is a great invention for planting beet seed.

Do not p'ant before the first of June. The land should have been ploughed awhile before planting in order to sprout the weed seeds on the surface. Then the process of harrowing and planting will kill most of the first crop of weeds. Beets, planted when the ground is warm, come up in a few days and are well along before the weeds begin again, while the early planted beets sprout slowly and are often beaten in the race by the weeds. For late planted beets a fine-tooth cultivator and a horse weeder will do most gin with, but the hoe will be needed to thin out the plants, and probably a litthe hard work also. When the weeds be a wise and popular governor of a In making the beds in a greenhouse begin to show again go with a double there is frequently used about seventy- moldboard plow followed immediately

Excellent Results. Mr. Chas. H. Ellsworth of Crystal drop at the time desired; and after that

phosphate of soda or potash or a super- A test was made of Dido B.,112,926. phosphate of lime; in this form the seven days from May 16th to May 22d. phosphoric acid is worth five and one- She gave 262 pounds, three ounces of half cents a pound. The alkalies, either milk, which made fifteen pounds of potash or soda, should be used in the well-worked, solid butter. This cow form of a carbonate, not a muriate, sul- was three years and four months old at phate or nitrate. Soda is equally as the time of this test. She was running good to use as potash and is very much in pasture and was given fourteen less in price. From this is seen the pounds of grain daily. She is a daugheconomy of properly making the beds ter of Queen's Legacy, 26,952, and and strengthening them at the time of Eufielda, 62,546, fourteen pounds, their formation to produce the best re- three ounces as a two-year-old, making sults in flowering as well as growth of her a granddaughter of Garfield Stoke

## Coal Ashes and Their Various

thunks of ap are and kill all vermin. a liberal supply around the trunks and up among the lower branches of apple trees during the month of March and has had no trouble with the tent caterpillar, when previous seasons there were from two to ten nests in a tree. Wood ashes are also an excellent lawn dressing, especially on high land. They are suited to bring in a good crop of clover. -C. E.

### Dairy Notes.

The work of running a dairy properly requires more methodical care than any other employment on the farm. Every part of the work must be perfectly performed every day and at nearly the same brain enough to run a twenty-five-cow state, had his faculties been trained for

men that there is more resulting profit to have cows drop calves in the fall than in the spring. It is natural for cows to and they have become recruited from the effects of a tedious winter. Some cows have become so used to this habit that it can be changed only with considerable difficulty. When the usual breeding time comes, if they are not bred, they have occasional spells of uneasiness or heats, during which their milk is hardly fit to use, especially to make giltedged butter. To obviate this, breed the heifer the first time, so the calf will

### Bacteria and Dairving.

HOW CAN BACTERIA BE EXCLUDED FROM

Long before he was told the reason, the practical dairyman learned by experied out, enabled him to secure his milk dust during the milking, are all practi- rapidly.

be obtained with ease. Private dairies, 20,000 organisms per cc. the mixture the churn, the vat was washed out and that are engaged in supplying the best of the two in equal volumes would raise scalded and pumped full of fresh water law of nature that no quality can be sirous of improving the capacity of his quality of milk, are following such the temperature to about 65 degrees F. while the churning was being done. law of nature that no quality can be strought of milk, are following such the temperature to about 65 degrees F. while the churning was being done. poses such scrupulous care as is practiced teria in the mixed milk would grow used to wash the butter with. - N. some ancestor. Surely any intelligent curable, breed them to a bull such as a poses such scrupulous care as is practiced teria in the mixed milk would grow used to wash the butter with. - N. in milk dairies, would perhaps be con- more rapidly than the million at a Y. Produce. milk was handled with equally great fore, sour the same sooner. care, the hundreds and thousands of HOW CAN WE DETECT BACTERIA FROM dollars that are annually lost in this state alone, on ordinary dairy products, would, for the most part, be saved.

ble. This will reduce the number of largely determined by its character. bacteria in the same, and yet, if no pains is taken to chill it, the advantage gained groups depending upon their origin: of the milk as it comes from the cow mentations in the milk. approximates blood heat, and, therefore, 2. Those caused by the absorption bacterial growth. At eighty degrees after the milk is drawn. place.

ble. An early diminution of the tem- tensity of the taint. perature is much more efficient in The manner in which the respective checking growth of germ life than even taints are produced, enables one to dea longer exposure applied later.

WHY MILK SOURS. These kinds are particularly numerous way.

decomposed, for the lactic acid bacteria fails to eliminate it. of acid exceeds 8 per cent. They are after milking, and still it may be due to was the first implement, to be followed legs short, straight and wide apart;

phenomenon, that it is considered al- it in a cold condition. Such belated most a natural and inevitable change in absorption might be considered as due milk, and yet, if milk could be secured to germ origin, unless the conditions without bacteria, it would undergo no were carefully determined. - Hoard's such change.

Does Thunder Sour Milk?-No exception can be taken to the statement that milk is very apt to sour during a thunder storm. This universal experience has led to the notion, thoroughly should be examined and analyzed by a break into a trot. I was taken to a first believed by many, that the cause of the competent chemist to find out what imsouring is due to the action of thunder, purities the water contains. I have I wanted. I selected a good one, but or possibly the electric discharge. Ex- known of several cases where the butperimental researches upon this ques- ter had a peculiar flavor, and on examtion, however, fail to establish any such ination it was found that the water had the best suit in the store," and he relationship. The passage of the election the same flavor. After the water had bought it for me. From that time the tric spark through milk does not in- been pumped out and the well cleaned, crease the acidity of the same. It bac- the trouble disappeared. At some and the orders were obeyed. Any terial growth is held in check in various creameries the wells are so located that horse will soon learn to walk well if ways, no atmospheric disturbance, as the soakage from the land around will taken care of and trotted but little. thunder or lightning, has any effect. soak into them and give the water a Farmers' Guide. All the evidence indicates, that the in- bad smell, so that it is unfit to wash creased tendency toward the formation butter in, or anything else around the of lactic acid is due to the more rapid creamery. Another thing that should growth of bacteria, caused by the more receive attention is the water tank. favorable growth conditions that obtain When was it cleaned out last? I have In the North Carolina railroad car at such a time. The warm, muggy at- seen some water tanks in the creameries exhibit there is displayed a glass jar mosphere favors rapid germ develop. that had a coating of mud and slime on filled with mountain cranberries from ment and consequently the souring the bottom that was two inches thick. near Asheville, N. C. These cranberries changes occur more quickly.

basis, fresh and old milk. Common any trouble in that line. experience teaches, that this mixture is In those creameries where they have cranberries should not become a profita-

and is based on the difference in tem- of fuel to have a steam pump. With it bacterial life that is contained in each and it takes less coal to keep up the among cattle breeders is, that the bull rience, that cleanliness, thoroughly car- milk. Under normal conditions the steam to run a steam pump than it does is half the herd. Now in selecting a older the milk is, the richer it is in to run a belt pump by the engine. It sire to head a herd, it is necessary that in a satisfactory way. The desired germ life, but the night's milk is usual- also saves the wear on the engine, as one should be chosen that not only result can, however, be much easier ly cooler than the morning's milk, you don't have to run the engine, exaccomplished if we know the source of which is relatively deficient in germ cept when you are separating and bacterial intection. Washing the udder life. The mixture of the two lots churning in the forenoons, and you have the power of reproducing his good to prevent dislodgment of dust parti- raises the temperature of the whole have to pump water in the afternoon, cles, steaming the pails and cans to mass, and at the same time, increases if the cream is to be cooled with water. destroy lurking germ life, rejecting the the germ content of the fresh milk so I was in a creamery a short time ago breed true to type, their blood being fore milk, keeping the stable free from that fermentative changes occur more where the creameryman was so particu-

cal methods that have a rational scientific If night's milk at a temperature of 55 ter in, that he would not use the water degrees F. contains 1,000,000 bacteria that was pumped into the wooden One of the great disadvantages we labor Where these methods are conscien- per ce., and the morning's milk, at a water tank that was in the creamery. tionaly carried out, good results are to temperature of 80 degrees F. has only As soon as the cream was emptied into methods with success. For factory pur- At this temperature the 510,000 bac- The water out of the cream vat was sidered impractical, but if our factory lower temperature, and would, there-

OTHER TAINTS

Before one can intelligently search for the cause of a taint in milk, he must Effect of Chilling on Bacterial have some idea as to the character of Growth in Milk .- Suppose that the the same. A tainted condition arising greatest care has been taken to secure from any source injures the quality of the milk in as clean a manner as possi- the product, but the effect of a taint is Taints may be classified into two

will be largely lost. The temperature 1. Those produced by bacterial fer-

the conditions are most favorable for of odors directly from the animal, or

Farenheit a single organism will form In the minds of most dairymen, the 120 new individuals in four hours, while latter class has been considered the the development of the same germ more important, and the effect of the would have been so retarded at fifty first group has not been adequately degrees or fifty-five degrees Farenheit recognized. As a matter of fact, a that but little increase would have taken larger number of taints, that affect the quality of milk are induced by bacterial The secret, then, lies in early cooling. growth, than otherwise. The danger If the milk is allowed to cool naturally that comes from this class is, that it it loses it animal heat solslowly, especies caused by a living organism, and, ially in a large volume, like a canful, therefore, may be widely distributed that the bacteria that are contained in it unawares. A physical taint is unable are able to multiply in a vigorous man- to reproduce itself, so that a mixture of ner. To check this development the tainted milk with a larger quantity of milk should be cooled as soon as possi- normal milk serves to diminish the in-

tect the difference. If produced by germ origin, a well-marked taint in any If milk is allowed to stand for sev- milk can be propagated from one batch eral days, it almost invariably under- of milk to another, by transferring a goes a change that is known as souring. small quantity, and placing it under Its physical appearance is much altered conditions that favor bacterial growth. and the once valuable food is converted Particularly is this true, if the inocuinto a relatively worthless by-product. lated milk is first heated to destroy pre-This change is a fermentative process existing bacteria. It it has been dithat goes on in the milk and is caused rectly absorbed from some external by a large group of different bacteria, source, it cannot be transferred in this

Then again, if a taint is produced by seem to find in milk such good sur-roundings, that they grow with rapid-appear until until some time after the milk is drawn; for, as a rule, bacteria caught the idea, but before the boss got Now in choosing a dairy bull there the bud. And the wound made later in The sour taste of milk, so fermented gain access to the milk subsequent to is due to the formation of lactic acid, its withdrawal, and a certain period of that is produced by the splitting up of incubation must elapse before the taint. does not make his coat less handsome by ducer of good cows. Every breeder man. the milk sugar in the milk. As acid is producing organism can increase in rolling in the dirt. My team was given must judge for himself what bull is formed in gradually increasing amounts sufficient numbers to produce the obthe chemical reaction changes from a noxious odor or flavor. If the defective neutral to an acid condition. When the condition of the milk is due to direct main in its normal condition, and is pre- volatile odor-producing substances. cipitated, forming the solid curd, that is then it will be noted immediately after characteristic of a sour milk fermenta- milking. Aeration of the milk is often tion. The formation of acid does not recommended in such cases, but somego on until the sugar of the milk is all times the odor is so persistent that this

retarded therefore by the presence of direct absorption. If this should happen to be placed in a room with odor-The souring of milk is so universal a yielding substances, it can easily acquire Dairyman.

### Creamery Water Supply.

The water supply of some creameries If you have not looked into your water compare very favorably with the best Mixing Night and Morning's Milk. tank lately, do so at the first opportu- grades of this fruit from the New Jer--A well established rule of dairy prac- nity. If it needs cleaning out, apply sey bogs, or from the West. The Cape tice is not to mix the night and morn- the remedy, and it will improve the Cod grower gathers his crop in Septeming's milk, or, to put it on a broader flavor of your butter, if you have had ber and October. There appears no rea-

where the two milks are left separate. where that supply is used mostly for The reason for this is a physical one, cooling the cream, it is a great saving perature of the two lots, and the rela- you can pump fresh water around the tion that these temperatures bear to the cream without running the engine; lar about the water he washed his but-

### Let the Team Walk.

that privilege very often. Oh, how horses best suited for his particular herd, but love it when they get accustomed to the he should be especially good in points idea that they may roll undisturbed. where his own cows are lacking. I When my horses had been at work and give the preference to a mature animal, could scarcely wait for the harness can judge what kind of stock-getter he is. to be removed, when they would drop A few of the points I consider as absoand load themselves with dirt. I prefer lutely necessary in a dairy bull are: dust or a clean loam. There is no place first, a good skin of medium thickness like a plowed field or garden. Then I covered with fine soft silky hair; color would clean them out and polish up of skin yellow; the secretions on the their coats. A long-handled broom inside of the ears oily and abundant; by a rice-root brush and a big cloth-a back level; quarters long; teats well curry-comb rarely or never.

around to the stable to inspect the should be open and the spinal column horses, he did not know my team, and loose; wide between the joints. horseman. Urging did not make them ment on their own dams. Rollie. I have learned a lesson worth orders for all were ' 'Walk your horses,'

### Cranberry Culture in the South.

son why the cultivation of there highland apt to sour much more rapidly than an inexhaustible supply of water, and ble industry. - Southern Field.

### Selecting a Bull for Dairy Purposes.

characteristics we desire, but he should

qualities, as sometimes we meet with

excellent individuals that utterly fail to

qualities on their offspring. Such

animals should be carefully avoided. under as farmers is that we are not of the thoroughbred sire. It is a fixed impress himself on his offspring. For Singular, isn't it, how tew men own- instance, if you breed a pure bred Holing big teams appreciate the walking stein bull with common cows, nineteen gait. Large horses will actually go as out of twenty of his calves will be far and as quickly at a walk and do as black and white. That is prepotency. The growing season thus far has been much in a month as if trotted, or Why does not the common cow have it? favorable, and the buds set on young "shacked" at every opportunity. Still Because her heredity is broken up, she trees last fall are doing well, many of without an increase of feed. Some stein bull and a Jersey cow, and you five feet high, so that it is time to cut off years ago I proved this to one of my will get a very different result. You the stubs. The stub, as many know, man, kept three large teams with a istics of both breeds. Now what is inches left above the bud at the time of driver for each, and always gave orders breeding based on? It is based on cutting off the stock in spring. This to trot the horses whenever level or a heredity or prepotency, which has been stub-by mid-summer or a little laterload permitted. Fever felled him for established and become a fixed type by is to be cut off with a smooth, sloping and said to them, "Boys, I want you purpose; and it is certain if we wish growth of the tree being active, the to take care of the horses. Whoever to grade up a herd of dairy cows, we healing process begins at once, and by has the best looking team when I get must select a bull that has been bred fall the wound is nearly or quite healed well I shall buy a suit of good clothes." from a dairy breed of cattle, and can over. As we left the room I determined to be show by his pedigree that his dam and In doing the work a sharp knife and a the owner of that suit, and that my his grandam were good cows. We steady hand are necessary; otherwise. team should not trot a single step should then be reasonably sure of his the growing bud will be cut and partially henceforth. The boss was sick con- being a good sire himself. The time injured, or perhaps cut off entirely, thus valescent about six weeks. I remember and money wasted by using inferior-I losing all the previous labor and care. well that first day of walking my team. might say worthless-sires is incalcul- To avoid this the knife requires to be They had trotted so much they were able. It is not a difficult matter to drawn, not so much upward but more not very ambitious walkers, and it was select a bull of good individuality, at to the right in such a way that the point ong after the other boys were through reasonable cost, from a family that has will come out by the time the stub is and their teams put out before my drive proved themselves good performers at cut through-or a little before. Several was completed. In fact it was late in the pail and churn. The good sire from cuts may be necessary in making a nice. the evening. The next night I finished a good family is almost certain to pro- smooth finish; but a skillful eye and a Keep Them Clean, my rounds earlier. In ten days my duce good cows, but he who buys the steady hand, and a knife with a keen team would do as much in a day on a poor cheap bull will certainly waste his edge will be equal to all this. walk as either of the other two, that time and feed and fail in his object in Some persons cut the stock off close were jogged at every opportunity, and the end. The first and most essential above the bud at the spring cutting, my horses, I noticed, began to gain quality in a bull is constitution, one which is not a good practice. There is wonderfully in flesh and appearance. that is a good feeder and makes good too much risk of the bud dying out, and Well, I did not say much, but thought use of his feed, and one that is large and in addition the wound does not heal a good deal, and adhered to my resolu- well developed, as this is an indication readily. But by leaving a stub of three

developed; milk veins large; face dish-When the boss was well enough to go ing; rather fine waxy horns; chine

could scarcely believe it belonged to A bull with these general characterhim. All the horses came out free, but istics, if he has a good pedigree, will mine had their heads up and they be- almost certainly prove a good sire. gan to play like colts. We hooked Such has been my own experience. I them all to wagons, and such walking have succeeded in breeding a herd of as mine did, would have elated any grade cows that are a great improve-

## Those Dreadful Sores

They Continued to Spread in Spite of Treatment but Now They are Healed - A Wonderful Work. "For many years I have been a great

sufferer with varicose veins on one of my limbs. My foot and limb became dreadfully swollen. When I stood up I could feel the blood rushing down the veins of this limb. One day I accidentally hit my foot against some object and a sore broke out which continued to spread and was exceedingly painful. I concluded I needed a blood purifier and I began taking Hood's Sarsaparilla. In a short time those dreadful sores which had caused me so much suffering, began to heal. I kept on faithfully with Hood's Sarsaparilla, and in a short time my limb was completely healed and the sores gave me no more pain. I cannot be too thankful for the wonderful work Hood's Sarsaparilla, has done for me." Mrs. A. E. GILSON, Hartland, Vermont.

Hood's Sarsa-parilla Is the best-in fact the One True Blood Purifier. Hood's Pills cure all liver ills. 25 cents.

### "ALPHA-DE LAVAL" CREAM SEPARATORS.



THE DE LAVAL SEPARATOR CO. RANDOLPH & CANAL STS., 74 CONTLANDT STREET, CHICAGO. NEW YORK.

some ancestor. Surely any intelligent curable, breed them to a bull such as I qualities in the offspring, will see that good care, but don't make them fat, those qualities are possessed by the and he will not be disappointed in his parents. The blood of the pure bred heifers when they take their place in sire is so strong that he will always the herd .- Holstein Friesian Register.

### Cutting off Stubs.

better, they will improve in appearance cannot impart it. Again, breed a Hol- them-peach especially-being four or employers. He was a pushing, active will have a calf showing the character- is the portion of the stock (three or four three weeks. He called in his drivers long continued breeding for a fixed cut on the side opposite the bud. The

a good deal, and adhered to my resolution, I did not change the amount of grain I was giving my team before the owner fell sick, but kind of guess I rubbed them more. In fact I couldn't help it. The horses got so handsome I stitution it is dairy cattle, from the sum of the demands made upon the south of help it. The horses got so handsome I stitution it is dairy cattle, from the spronts (which usually stut plenting) are tub of three or four inches the living bark on this shore in wey much, Hings on the south of the south or four inches the living bark on this not only prevents the bud from drying out but aids largely in drawing the life. Then by keeping the spronts (which usually stut plenting) are tub of three or four inches the living bark on this not only prevents the bud from drying out but aids largely in drawing the life. South of the south of t began to be very proud of them. It nature of the demands made upon fully from the stock) rubbed off from time to time, the sap is directed into

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DOGS, FANCY FOWLS. PIGEONS, CANARY BIRDS. RABBITS, and GUINEA PIGS. MEDICINES for DOGS and BIRDS. MANGE CURE WHICH BEATS THE WORLI

AUTOMATIC SWINGING HAMMOCK COUCH A gentle pressure to the foot boards gives a elightfully soothing, lengthwise perpetual moion, without effort.

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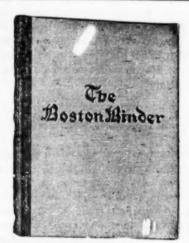
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## RE A PIONEER MINER

0.6 per cent, the case in is unable to rethe case where the food contains were perhaps tired and sweaty, they as then his calves can be seen and one can be seen and

## COPPER STOCKS ARE BOOMING.

### THEY ADVANCE IN BOSTON IN THE FACE OF THE WAR SCARE.

ondensed from the "United States Investor," Boston, March 5, 1898:

The market for copper stocks is booming. While the Maine explosion caused all other curities to rapidly decline, they showed unparalleled strength. The non-dividend payers even are advancing. Copper has advanced to twelve cents a pound, which means enormous profits Consumption of copper is advancing faster than its production. In January England, France and Germany consumed more copper by 4,478 tons than the entire production of the United States. The visible supply in England and France decreased 2,693 tons during January and

Higher prices for copper stocks are confidently predicted. Boston & Montana has advanced from 15 cents in July, 1893, to \$1.88 in March, 1898, and Calumet & Hecla between the same period from \$2.47 to \$5.40. Copper stocks are higher than when copper was 17 cents or 5 cents per pound higher then now, which indicates a convictio that the immensely increased demand must greatly advance the price of the metal.

### IMPORTANT NEW COPPER DISCOVERIES IN COLORADO ONLY. In recent years no new copper discoveries of importance have been made in the entire

world except in Colorado. These are now causing a great rush to the

### PARADOX VALLEY.

### THE KENDRICK PROMOTION COMPANY

ent a representative at the earliest moment into this new district and secured over two miles in ength of the largest veins discovered, also a tunnel site controlling 3000 feet square of ground of immense value. The ore carries a high per cent in copper and in addition paying quantities gold and silver associated with the copper.

For the purpose of owning and working these claims THE PARADOX COPPER-GOLD MINING COMPANY has been organized with a capital of 1,500,000 shares of \$1.00 each, full paid and non-assessable stock, carrying no individual liability; all the claims, free from debt, have been deeded to this company which has no debt and \$2,000 cash in the treasury. One-half of the whole capital stock, 750,000 shares, has been placed in the treasury of the company to be sold for the purpose of raising money with which to develop the property. Only 100,000 shares of this treasury stock will be sold at \$50,00 per thousand shares; the next 100,000 shares will be ffered at not less than \$75.00 per thousand shares.

The Kendrick Promotion Company has been in the mining stock business in Denver for the ast twenty years, and during that time has handled many of the large mining propositions of the tate, with large profits to its customers, and has no hesitation in recommending this as one of American Kitchen Magthe most promising that it has ever presented to the public. We anticipate that this stock will quickly taken, and it will therefore be necessary to send in orders without delay. We handle all stocks listed on the Denver and Colorado Springs Exchanges.

The Kendrick Promotion Co., (\$50,000 Paid in) MINING EXCHANGE,

Our weekly mining letter sent to all applicants.

Denver, Colorado, U.S. A.

Farms for Sale.

FRUIT AND POULTRY BARGAIN T land, with poultry house 17x:
nearly new, painted and clapboar
or barn, but same can be rented n
pertyis situated in small village
Stores P. O., Church and School
R. B. Station. Land all set out R. R. Station. Land all set out Nuts. 800 apple, as followes: 150 Kings. 100 Ben Davis, 100 Gravensitens, 100 Spies, 50 Russet varieties, 250 Pears, all leading peach, 240 plum, 20 cherry. 20 grap geoseberries. 1000 Paragon chestother varieties, 12 Russian mulbe berry, 12 buffaloberry, black raspiberries, some cranberries, and quanteries, many of these trees will this year; 25 tons of Bone Fert setting. Owner will include 3 16 with brooders to match and all war, \$1600, \$1000 cash. Here is a being one, for la less than 5 years it will income. Owner has to set in account of the setting ncome. Owner has to sell on health. J. A. WILLEY, 178

WORCESTER COUNTY RATTLER acres, corner location, lar cultivation; first-class buildin 10-12 rooms, milk room, shed Water forced to all buildings. Orchard of over 100 apple trees, all varieties; bear heavily every year; 100 peach, bore first crop '97. Included and machinery, 18 fine Guernsey cows, matched pr. black horses 6 and 7 years, 2400 lbs. besides a dother good horses, swine and fowls. Also one of the best retail milk routes to be found; all milk "aerated," one half of milk sold is paid for in advance. All farm products are marketed in town of 10 000 pop. 4 miles to city 30,000. The chance of a life time for any practical farmer income from the start of over \$250 monthly on milk alone. Farm only without personal property or milk is actually worth what we ask for all, namely \$7000. with \$2000 down, balance on mortgage. Personally aspected.

JAS. A. WILLEY, 78 Devonshire St. Boston

RVER BEFORE offered for sale; family 80 years; 1½ mile from st Fitchburg R. R., 25 miles from Boston. till age 30 pasture, 30 wood, keeping 14 horses; 8 room house good repair, several other out-buildings. Cider mili, order good repair, 25x10; good view (1½ mile away; 350 apple, good variety, 170 peach (just beginning to bear) 15 plum, 6 quince, 30 grapevines, ½ acre sries (2 yrs. old) 1 acre asparagus. Price ½ cash; stock and tools at appraisal if

MILES OUT.—75 acres, level, rocks; 1 mile to Stores, P. O., S Cuts 40 tons hay; keeps 15 head and twater supply; over 130 apple, pear, cherry; 90 to 100 bbls, apples in sea grapes. Borders Lake; fine chance f grapes. Borders Lake; nile command fishing. Large house 16 rooms blinded, shaded, barn 76x40, tie while blinded, shaded, barn found corn house

24 MILES OUT.—7 agree land with property included. 11/2 miles Churches, Stations, etc. Soil a nice r O apple, pear, peach plum, cherry currants, raspberries, strawberrie 50 bbls. apples in season. Cottage house 7 finished rooms, in fine repair, new barn 24x30 with cellar can keep 5 head; 2 hen houses, accommo

GOOD FARM — GOOD COUNTRY RESIDENCE—GOOD for SUMMER BOARDERS Has an altitude of 1200 ft. above sea level, nas excellent buildings, and is but I mile to 2 villages, stores, P. O. Church and Station. Wealthy New Tax rate in town \$11 per \$1000. Farm is nd clear. Price \$2500.

> J. A. WILLEY. 10 and 12 Federal Street, Boston

### Poultry Farms For Sale

BREEZY HILL FRUIT AND POULTRY FARM, 27 acres well divided, moving and chard in bearing, 2 peach orc 200 bearing; young orchard plums just beginning to bear red raspberries, strawberry and blackberries; 150 choice log finely. Ready sale for veg etadles of all kinds grown an owner having built up an est all products. Will include boxes, upwards of 1000; als meaning horse, cow, fowls, an with fruit and vegetable route free and clear; owner will se Plenty shade, shrubbery and

\$3000 BUYS THIS 5-ACRE FARM with house 6 rooms, and stable, all new, elevated, beautifully situ and good, apples and pears. But years, house has piazza and bat clapboarded and painted. Elec-ted miles out.

MINUTES to steam car station, 6 minutes to electrics, 25 miles from Boston between two of the best markets in Massachusetts, 10-acre farm all cleared land, and in fine state cultivation, 8 room house and stable, built 7 years; variety fruit; some 3000 strawberry plants set in spring of '97. One cow, harness, buggy, fowis and tools. Price \$3200.

3-ACRE FARM—40 apple, 20 pear, 10 peach trees, best varieties, nice well, spring and brook on place, 7 room house with shed, barn and poultry house. Price \$1200, 25 miles from

GRAND FOR POULTRY A In gras. 'A's plowed, balance about 4 acres nearly level; 55 ft trees al bearing (40 Baldwin quince, 4 pear, 5 plum. 25 cur hen house 8x40; never failing modern house, one year, old: 104 non nouse 8x40; never Millin movern house, one year old; oak handsome fireplace and in Carolina pine and cypress; dining room have polished closet with glass doors in dinit Holland shades and 2 straw house; bouse warm and sunny

J. A. WILLEY,

10 & 12 Federal St. Room 12, Boston

# Household

### Housekeepers.

By arrangements with the publishers we are able to furnish our readers with the various household publications given below at the following low rates is combination with the PLOUGHMAN. With One Year's

Boston Cooking School

Address Mass. Ploughman,

Apple Orchard. Wanted a snut

### Chicken Cholera.

A Reader (N. H.) wishes cures for cholera. It is hardly worth while to doctor hens for this fatal disease and the energy of the owner should be devoted to preventing its spread. Let him separate the sick hens and then make up his mind to root up the germs of the disease from the premises by thorough cleaning and disinfecting. The surface of the hen yard should be scraped and burned. Every part of the floor, Dubaque, lowa. roosts and nests, shouldbe scraped perfectly clean, and then disinfected with a tims of cholera to pay for doctoring, but common hens. any one can check its spread by thorough measures. It is quite possible what consists in trying to make it seem any one can check its spread by thordieting and a dose or two of ipecac pellets in the drinking water.

### Good Stock : Good Luck.

Boston

Sale

OULTRY wing and ts in the 2 open fire ce house,

E FARM, and stable, land level gs built 3 dow, barn pass door.

minutes to tween two two 10-acre te cultiva-years; va-ants set in Egy, fowls

GARDENmage; 246
cultivated;
cwn apple
sweet); 26
fine nee
attractive
furshed in;
remainder
parlor and
dors; china
n; new set
gs go with
dry; bath
plumbing;
red for ecof country;
country
frice \$4000.

Boston.

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ions given

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n. Mass.

vanted a snue ell located Anyone hav.

been much advertised for prize winning corn. but which has been inbred until it has lost some of its vigor.

A skilled hand might do pretty well eight weeks old. Place them in a drink quite a quantity.

With such [fowls, but the beginner is where they can be quiet and undistributed by the control of their great advantage, or may be turned on to those crops when the control of their great advantage, or may be turned on to those crops when the control of their great advantage, or may be turned on to those crops when the control of their great advantage, or may be turned on to those crops when the control of their great advantage, or may be turned on to those crops when the control of their great advantage, or may be turned on to those crops when the control of their great advantage, or may be turned on to those crops when the control of the likely to make more mistakes than the turbed. Feed them three times a day died together for warmth, they should weather. It shut off the plat before it tender prize winners can endure with profitable results. Better visit the breeder personally and pick out stock bulk of meat scraps. Care must be and well rested, they are again put times. Such crops should be thickly catechu must be omitted, and instead of that is well built and full of vigor. It would no doubt pay for the beginner to take an old breeder with him There well under such circumstances. is enough difference between hardy and tender stock to alone decide the venture The difference between success and is, if the weather is pleasant and there green crops may be had (even in the for marked success or complete failure. failure in egg production, is not so is tender grass on the ground, put them South) that will furnish the best of suc-

large yearly record of eggs.

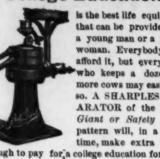
But those which are slow moulting and which go about late in the season with pin feathers showing indicate lack of vigor, even to produce feathers, and will be still less likely to produce a

### Poultry Notes.

months, from February to July.

age in weight, and loss by death.

A College Education



feetly clean, and then disinfected with a liquid made of one vint of carbolic acid item shows the enormous appetite of a lings may be taken away and brought confidence in their keeper. A nervous, to be merchantable. to fifty quarts of water. Experts even duck compared to a hen. The rations up without hens. Some prefer to keep quick-motioned, excitable or rough perare not able to save enough of the vic- of one duck would keep about three them with hens, but where sufficient son may keep them so disturbed that

Reader thinks is cholera is merely severe diarrhaces, which would yield to Fowls that are kept warm, but not too warm, and do not miss their spring supply of animal food and green stuff are likely to show a pretty good record

and care, but there is also a good deal in the hen. A fowl with a strong condonot get enough of one kind at a feed able to keep on their feet, they frolic while they can see to eat. If shut in stitution, hardy, well-grown, and has good appetite and digestion will stand good relish. Corn, wheat and oats make stitution, hardy, well-grown, and has good appetite and digestion will stand good relish. Corn, wheat and oats make and tumble about like young calves. First one will straighten up, stretch his on a stormy day, they should have a considerable nonsense, and continue to a good mixture, so do cracked corn, wings and suddenly leap. Others, continual supply of freshly mown green each of bitter almonds and cloves, and 4 grow or lay eggs. A mistake which beginners often make is to start with beginners often make is to start with mixture which hens relish more than soon all are hopping and tumbling in wise they will fret and lose much in the land to the same, and suddenly leap. Others, continual supply of freshly mown green ounces of mustard seed (all in powder). These must be well rummaged into the fowls of some run out strain which has any other is buckwheat, barley and the liveliest manner. After this expen- weight.

much in number of eggs produced. out and do it repeatedly for the first culent food through the hot weather, Anybody can make hens lay in spring two days. A good start is of the great- and even in winter.—Samuel Cushman and early summer, and hens that have est importance. After that they can in the Country Gentleman, Providence When the fowls begin to moult it is been loafing the rest of the year will remain out of doors within an inclosure County, R. I., time to select the breeders for next lay very fast then, and make up quite a on grass during the warm part of the year. Almost any hen will look vigor- fair record of low priced eggs, but the day. As they grow very fast, very ons and lay well in spring, but only a skillful poultryman contrives to make much faster than a Pekin duck, they are good hen will lay into the moulting his fowls lay a good share of their eggs able to do without artificial or henperiod, and get through with the pro- at high prices in winter, and as a result mother heat when about a week old. most for profit.

SOME PRACTICAL DETAILS.

profitable number of eggs. The shape In producing early goslings for mar- and may be penned on fresh ground may be floating in it. Cleanly washed been prepaid. The classes of matter of the hen will help in deciding her ket it is best to set the eggs under hens with them for the first few days or week sand is sometimes used, and animal affected by the new rule include news-A hen which is long and boat- or turkeys. If the laying geese become and shut in buildings at night. Some charcoal; but probably a mass of per- papers and all periodicals, books, pamph shaped, and also fairly deep, is likely broody, they may be broken up by tether the hen by a string tied to her fectly clean cotton, or cotton cloth of lets, circulars, and the like, and merto show staying powers. She should shutting them off their nests for five or leg and to a peg driven in the ground. any thickness will be found to be as chandise. Where the matter held is of have a deep chest and square body, six days. They will lay again, usually, The goslings are confined near her by good as anything. The cider should be "obvious value" the sender is to be notimaking nearly a straight line along the in about two weeks or less. Many board yards at first and then allowed to expressed from the pomace as quickly fled, if possible, and a chance given to growers let the goose sit on her third range at will. They come back to her as possible after the apples are crushed, pay the postage due. The object of the The smaller, medium sized breeds lot of eggs, as few lay after that; but frequently and are thus kept where they and the juice will be nearly as white as rule is economy. Its result will be to should not be allowed to run smaller some do not allow them to sit at all. belong.

than the natural size. A large Leg- Embdens lay fewer eggs to a litter, and increase losses by mail and distress the post- than the natural size. A large Leg- Embdens lay fewer eggs to a litter, and increase losses by mail and distress the post- than the natural size. A large Leg- Embdens lay fewer eggs to a litter, and increase losses by mail and distress the post- than the natural size. A large Leg- Embdens lay fewer eggs to a litter, and increase losses by mail and distress than the natural size. A large Leg- Embdens lay fewer eggs to a litter, and increase losses by mail and distress than the natural size. A large Leg- Embdens lay fewer eggs to a litter, and increase losses by mail and distress than the natural size. should not be allowed to run smaller some do not allow them to sit at all. belong. horn, Hamburg or Spanish will have are more apt to sit than other breeds, it they receive nothing but tender grass time after crushing the apples, before office. Nevertheless, it is proper to better staying powers than a smaller although Africans and Brown Chinas and water the first day they are put out pressing, the cider will be colored and remember that the classes of mail-matter scale and staying powers than a smaller although Africans and Brown Chinas and water the first day they are put out one, vigor and activity being equal. On the other hand, Brahmas or Cochins the fever. Toulouse geese are least inwhich run rather small as a breed are clined to sit of all, and sometimes will times, but very lightly, with scalded question is, how to keep and cure it fit is the abuse of the privileges granted to likely to lay more eggs that the larger lay through the entire season without cracked corn. This is probably as good for use. First, a clean cask. If it has second-class matter especially that makes hatch their own eggs. While this is dance of tender grass to eat, and the vious contents. This may be done by of mailable matter may be worth buying desirable in the production of goslings amount of cracked corn fed is such as burning out the inside; no other way at the cost of some inconvenience.-Cabbages which fail to head up well for the early market, I would not prac- will always leave them hungry for grass. is certain, though long soaking in water Harper's Weekly. should be set aside in the fall for the tice it, were I breeding stock for exhi- An exclusive diet of grain or dough, and washing may make a tolerably clean

the large poultry farmers keep the in- they are laid, the better they will hatch, tuem—cause them to lose the use Before filling the cask, adapt a faucet to cabators at work awhile longer hatching and the stronger will be the goslings. of their legs and dle. If grain is fed it, so that the contents can be drawn off duck eggs. The duck season lasts six If kept more than a day or two, they sparingly while they are young, and three or four inches above the bottom. should be turned daily. A common grass is three-fourths of their food, few Fill the cask perfectly full, and place it hen will cover five eggs, some more and will be lost. In shipping live poultry don't over- some less. A cross between a Part- As a rule, it is not best to hatch gos. moved or in the least disturbed, and fit crowd, and don't have too large coops. ridge Cochin and a common medium- lings until you can put them on new a bung with a small aperture, so that the In hot weather over-crowded fowls suf- sized hen makes the most reliable sit- grass. It you can, however, give them gas may escape while fermentation is fer greatly, and there is often a shrink- ters. They are not so clumsy or heavy all the green rye or lettuce they can eat going on. Before fermentation has as pure-bred Cochins and Brahmas, and from the time they are removed from ceased, bung up perfectly tight with a

ters. They are not so clamps or beary age in weight, and loss by death.

Wheat is now cheaper than it has been, and the prices are likely to read the prices are likely to become found and the prices are prices are likely to become found and the prices are prices are likely to become found and the prices are prices.

If she drinking foundain must be kept down and the prices are prices are prices are prices are prices.

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The prices chief constiting previous addition and the meant and the prices are likely to the most are additionally and the prices are prices are prices are prices are prices.

The prices chief constiting previous additional factors and the meant and the prices are prices are prices are prices are

enough to pay for a college education for each hens contented they may be given food their growth is much hindered, and cider is spoiled—reduced to the condiand drink while on the nest. I would they may die. lay much stress on the importance of It is useless to attempt to raise geese unfit to drink. West Chester, Pa. having a quiet, steady hen for hatching successfully if they are afraid of their Most farmers can add to their receipts

> attention can be given them I prefer to they cannot thrive. diture of energy they promptly turn They may be pastured from the start up for a fortnight, after which it must

moisture liberated by those already hand to wash down their food, and it be kept closed except when it is neceshatched and drying. The lining of the should not only be renewed very fre- sary to admit air to the cask. is the best life equipment shell of the remaining pipped eggs may quently, but given in such a way that Thus it will be seen that to have good therefore become dry and tough, and they cannot get into it. By yarding cider, we must have the pure juice of woman. Everybody can't the goslings, unable to liberate them- them in a fresh place every day, by good, ripe apples, in a perfectly clean afford it, but every man selves, may die. If the hen is a steady means of a strip of netting a foot high cask, placed in a position in a cool cellar who keeps a dozen or one, and the eggs properly sprinkled, it is easy to give them all the tender where it will not be moved or jarred, so. A SHARPLES SEP. all goslings worth having will hatch grass they require. A box or shed and after the apple juice has gone ARATOR of the Little without aid. Allow them to remain should be provided within their yard through about three-quarters of its peri-Giant or Safety Hand under gentle hens for twenty-four for shelter from wind and sun. If they od of fermentation, tightly closed, and days of small profits it is necespattern will, in a short hours, that they may get well rested cannot get out of the direct rays of the then let it cure until about May 1. It sary to get the largest crops time, make extra butter and thoroughly dried. To keep the sun whenever they choose, they suffer, the air faucet is carelessly left open, the

> attendant. They should be treated by using in the way indicated, sound When twenty-four hours old the gos- with great gentleness, and have full apples which are too small or ill-shaped

put them together in lots of thirty or If cooped at night in a tight house, or provement of cider "too weak to stand forty, and hover them in a Peep O'Day one having open windows protected by up," as the phrase goes, are floating brooder, or in a basket or cheese box wire netting, loss from dogs, cats and around continually. Some are of value, placed in a warm room near the stove. Other animals is prevented, but the bed- but the majority are worthless. Ex-When taken from the hens, if the day ding must be renewed daily and reis pleasant, I at once put them out in moved frequently. If this is not done strates the use or uselessness of the adthe open air on tender grass. When or they are crowded too much and do vice offered. Here is one to restore first put down they will not be able to not have sufficient air, their growth will cider deficient in strength: To improve There is a good deal in proper food and care, but there is also a good deal arguing ration for the year.

Stand, but after filling their lungs with be much less than if left out in the open.

To make the best growth they should ordinary cider more vinous, add to each

> their attention to the water dish and on growing rye, oats, millet and other be allowed to repose for three or four Young geese are ready to fatten at tender grass and manage to eat and green crops to their great advantage, or months, when it will usually be found in just as soon as they appear chilly or bushels of seed to the acre. By planting pinkish tint, one ounce of cochineal (in inactive. No matter how cool the air one piece after another, a succession of powder) may be added instead of the

### Making and Keeping of Cider.

their record in spring is not what it Then they can be hurdled out during well ripened, clean apples must be used, Such fowls have strong vigorous con- otherwise would be. It is not the num- the day and put in a vermin-proof house and no others. It is better to crush Notify the Publisher When You stitutions and if properly fed give a ber of eggs, but the price that counts at night and during stormy weather. them than to grate them. Everything In this way the broods can be man- about the mill with which the apples, aged more easily and with less loss than pomace, or cider can come in contact To Hatch and Grow Goslings. when the same number are divided must be clean -perfectly so. The apple creed that second, third, and fourth class up among and brooded by hens. If suf- juice, when expressed from the pomace, mail-matter shall no longer be reficient attention cannot be given them, must be filtered so as to take out every turned to the sender or reforwarded to hens or geese may be used as mothers particle of apple or solid matter which another address until extra postage has

bition or breeding purposes. without plenty of grass, or too great a cask; but it is better to use a new cask, After the chickens are all hatched, The quicker the eggs are set after quantity even with grass, will spoil or one that has been used for spirits. in a cool cellar, where it will not be

tion in which we generally find cider-

Formulas and methods for the im-

### PLANT LATE VARIETIES.

Clear days, together with cool temperature, are best for successful cider making. Hence, we should plant varieties of fruit that can be made into cider late in autumn or early winter; cider made in winter keeps sweet better than that made in early autumn .- American Cider and Vinegar Maker.

## Move.

The Post Office Department has debecoming broody. More early eggs are food as can be given from then on, prosecured if the geese are not allowed to vided they have at all times an abun- wholly freed from the navor of its pre- tion in the cost of handling that class



some women feel as if the disease which constantly pur-sues them is just a malig-nant devil

## POTASH.

To underfeed and overwork an animal is not economy. It is equally unwise to treat your soil in like manner. In these from the least number of acres. This can be accomplished by thorough cultivation, suitable rotation and proper use of fertilizers. Failures occur whenever fertilizers are deficient in

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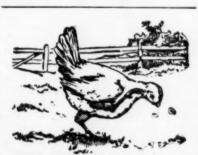


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BOSTON, AUGUST 6, 1898.

address of their paper must state where strong both in body and mind, with an the paper has been sent as well as the new direction.

### Removal.

tion office being in Room 12.

better, how wise we should all become.

COMFORTABLE animals are the ones which pay dividends. There is a solid farmer knows.

Ir the milk yield shrinks much at this time it will not get back again without cousiderable trouble. Best to keep it up by feeding corn fodder and a little grain every day.

the right handles.

EVERY new kind of farm machinery, every new process and every item of Spain's willingness to consider terms scientific discovery about agriculture of peace has been promptly met by the Spain, and an assurance to be given that shawe's secret, 'Septimius Felton,' and 'The makes farming a more brainy business United States and an outline of the condithan before, and a man needs to be a little tions acceptable to this country was be protected from native attack. smarter and wiser than ever before in forwarded through the French ambassa-

shore farmer. Whether he takes sum- the island as it may deem best. mer boarders or merely raises things Porto Rico, with the small islands adfor them to eat, he must take in most of jacent and embraced within her jurisdic-Crops must be planted, chickens hatched United States, Whatever ing station. dwellers at hotel and cottage and the to his approval. products of the farm.

proposals now being considered, the in this hemisphere. The Philippines the matter. might be a kernel easily snatched from savage natives of the Philippines. With harbor and bay. the Hawaiian Islands and perhaps a number of coaling stations in Spanish possessions, the United States will have treaty which will terminate formally the made a good enough beginning in the war with Spain. At last reports, Spain Pacific. For the present, Uncle Sam will has accepted the terms of peace with from sea water by some mysterious prohave his hands full settling affairs in the newly acquired territories.

WHEAT growers of this country must this year face the offering of a big crop has prospects of a good yield. The wheat of previous crops has been pretty well cleaned up by the recent unusual demand and the market will be able to receive a big supply before getting filled up. But required by the United States of Spain, large dealers are expecting that the com- she will lose all claim to any island in the our export of the grain that prices will demanded. The greatest danger point in be kept down throughout the year. The the whole situation is the Philippines. prospect of a speedy termination of the The Spaniards are by no means the only that source. Fortunately, there is a prob- tion for aside from complications which ability that general industry and business might arise with other European nations, There is little at present to unsettle busi- by repeated victories over the Spaniards, toward prosperity.

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### CURRENT TOPICS.

This year has seen the passing of two of the world's greatest statesmen, Gladstone, whose death brought sorrow pectation that before long a collision will to the whole English speaking world, have occurred between themselves and and now Bismarck, Germany's greatest the American troops if the latter understatesman, who has died within the take to interfere in the execution of the Persons desiring a change in the week. Bismarck was a typical German, vengeance of the insurgents. Ir each man was willing and anxious to German empire, under one sovereign, there was a lack of harmony between the emperor and Bismarck. The former's early death, however, brought the Ar this time the hammock and rocking present ruler to the throne, William II., chair are turned to good account by the who, being young and autocratic, city boarders, who divide their valuable brooked no interference or suggestion, time impartially between eating and loaf- and soon retired Prince Bismarck to prithe world.

and cows managed long before, so that One of the Ladrone Islands likewise is of Juan Diaz has been occupied by the they will yield their greatest product dur- to be ceied to the United States as a coal- Americans, the townspeople meeting

is not sold then must be shipped to distant These three conditions being granted be strongly fortified but it is probable with small net returns. Hence the sea- ment in lieu of the full indemnity. What practically decided upon, there will be shore farmer works cheerfully through further payment shall be required is to no necessity for vigorous measures. the hot spells, comforted by the knowl- be determined by a commission having edge that the more heat the more authority to act for the President subject

more appetites to be satisfied from the Whether Spain shall retain possession of the Philippines as a whole or in part is of cases running as high as 5,000 at times. left to the commission to determine. The Much criticism is being made of the way WITH Cuba as a protectorate and Porto reason for deferring the decision as Rico as a province according to the peace to the future of the islands in this fashion is because the administration is not yet United States will have made a long step satisfied itself; it is not clear at this motowards its evident future predominence ment what sound policy should dictate in

Meanwhile, and until the commission the fire, but they would prove a very has satisfactorily disposed of the future hot morsel to hold in opposition to the of the islands, the United States is to exjealousy of all Europe together with the ercise a military government over Manila

> The commission will be actually a peace commission and will prepare the it necessary for the success of the negotia-

war will soon be a thing of the past. .\*. While there will be no money indemnity ing abundance everywhere will so check West Indies. immediate evacuation being war puts an end to the extra demand from ones to be reckoned with in this connecenterprise will be active and prosperous. the natives of the islands, made confident ness conditions. Even a low price for will resist any attempt of the United wheat, Northern America's greatest com- States to acquire these islands. From mercial crop, will not cause bad times, despatches received from General Merritt when other factors of the situation tend and Admiral Dewey, it appears that the 20,000 soldiers which have been prepared for service in the Philippines and which have already arrived or are on the way. will be none too large a force and if the We offer One Hundred Dollurs reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & CO, Toledo, Q.

United States government feels that it has much larger force will be required. The process is a bona fide one, with real re-We, the undersigned, have knowen F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations but also towards the unprotected classes. United States government feels that it has of the Spanish community, women, children, nuns and priests. Therefore, when intimation came that the insurgents were threatening the lives of some monks, orders were sent to the American military

commander to look into the matter and to

act in the interest of civilization and humanity. As, according to report, the insurgents have shown particular hostility toward the monks, it is a reasonable ex-

General Merritt has already asked that his fron will, a masterful purpose, undaunted force be increased from 20,000 to 50,000 and by the greatest obstacles, overcoming it may be that his request will be granted every difficulty by fair means or foul. and some of the Eastern forces, which His parentage was unaristocratic, none have not as yet seen active service, be of his ancestors showing any especial sent to him. It is believed to be necessary greatness. Before the rise of Bismarck even if our claim is limited to the terms The offices and composing room of the to power, Germany was broken into submitted to Spain, to furnish to General MASSACHUSETTS PLOUGHMAN have been many small principalities and dukedoms, Merritt a larger force than he has now at removed to numbers 10 and 12 Federal and its forces being thus scattered, it command. It is realized that 20,000 solstreet, corner of Milk street, the publica- lacked power and influence. Bismarck diers can scarcely be expected to maintain early made it the purpose of his life to United States possession and protect the The new location is easy of access, be- effect the unification of Germany under | inhabitants over a territory of this extent ing directly opposite the Boston post of- one sovereign and make of it a great em- for it must be remembered that the bay fice, nearly every line of street cars pass- pire. This purpose was accomplished of Manila is twenty-five miles deep from ing the building, and is on the direct route but by means of war and turmoil. By a the entrance at Corregidor Island to the between the two union railroad stations. war with Austria, another with Den- city of Manila at its head. It will also be The offices on the fourth flour are readily mark, and a third with France, all inreached by elevator, and a call from our stigated by this iron-willed statesman, he extending some distance back of the city friends and patrons will always be wel- entirely changed the face of Europe, in order to make sure of the preservation gathered together the scattered German of the water-works. Of course a considstates and bound them into one powerful erable force would not be necessary if the insurgents under Aguinaldo were brought learn from those who know some things raising it to a power and influence hardly to realize that their interests lie in permitexcelled by any other nation. His great- ting undisputed possession of this terri- Reviews for August reviews the Santiago the virtue of American tools is beginning ever the Department treats the corn in the est ability, however, was constructive tory by the United States. But it will be campaign by land and sea from start to finish. rather than administrative, for when the expecting too much of the native charac- Winston Churchill, who wrote so acceptably troublous times of war were over and less ter to keep before the eyes of the insurmoney value in comfort as any thoughtful forceful measures were necessary for gents the rich loot to be had in Manila building up the empire, he failed to accomplish as great results. When William place. Then with the growing heat and graphs of the Spanish ships taken the day after I. died, his successor, Emperor Frederick, dampness, it is to be expected that illness the fight. John A. Church, formerly of the proved a man of more liberal ideas, and will develop among the troops; not to ARMY AND NAVY JOURNAL, contributes a full the extent that it appeared at Santiago, account of the Santiago land fighting, and his but sufficient to require some of the men article also is illustrated from new photographs. to be invalided home and their places to Park Benjamin writes on the work cut out for

ing was said of Cuban independence and and Ponce was captured and Ponce ticle is of practical help to the housewife. that the acceptance of this position itself occupied by the American troops. This is the harvest season of the sea- leaves the United States free to deal with The latter city is the largest on the island, although San Juan is the capital. Business is now progressing there without interruption. The outposts of the Amerihis cash income during July and August. tion is to be ceded unconditionally to the can army have been advanced on the road towards San Juan and the large town them with great joy. San Juan is said to

> The soldiers at Santiago are suffering from fevers of various kinds, the number in which the sick and wounded have been tween Mobile and Cuba when the war proper supplies of food and medicine. ber 1. The Seneca, Concho and Alamo were especially complained of and an investigation has been set on foot as to the truth to twenty. of the reports, and as to who should bear the responsibility for this mismanagement. There is considerable friction between the Red Cross people and the regular army medical corps.

A company organized to extract gold some unimportant changes, but believing cess carefully guarded by its inventor, demic at Siboney. now finds itself in trouble by the disaptions, the Spanish government is desirous pearance of its chief promoter, Rev. P. F. of maintaining the greatest secreey in re- Jernegan, who has carried with him a gard to the matter. It is now confidently considerable amount of the funds wheat producing country in the world but expected that peace will be declared of the company. He sailed for within a short time and that the Spanish that mecca of delinquent "promoters," Europe, and although said to have been the La Bourgogne victims. bound for Paris, he unaccountably disappeared between Havre and that city. The in China include rights to the greatest the exports of green and dried apples in inventor of the wonderful process and coal and iron deposits of the world. the only one who possessed sufficient knowledge of it to manipulate the machinery disappeared first, and Mr. Jernegan says that he has gone in search of him. The works at North Lubec, Me., have been closed and the stockholders, who had the most implicit faith in Mr. Jernegan, are wondering what the outcome will be. There is considerable money on hand, and the officers of the company assert that everything will ultimately be straightened out and the stockholders lose none of their original investhas been misled in the matter and that the real culprit is the man who first disbeing investigated to find out if the sults, or whether it is all a hoax.





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### Literary Notes.

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Among others are "The Olympian Banquet," "Peach Dainties," "Home Laundry," etc., etc., besides its other regular practical departments so ably conducted by its regular staff of editors Co., Philadelphia, Pa.

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for the service and not fitted with the tween San Diego and Japan about Decem-

post reformer, is moving for a low rate especially the grapes, by the care and

-Professor Bell and party are search-

ing Sable Island shore for the bodies of -Concessions to the English syndicate

President to reassure them. meet an emergency in which the insur- Spy, Rhode Island Greening, Roxbury inal force assigned was 20,000.

### BASS POINT AND NAHANT.



Washington News.

Russia is trying to keep to the fore in trade. The manufacture of agricultural ness, he is under instructions to make machinery in Russia has made great government tests of their insides. progress owing to the protective tariff, of the agricultural industry, as many ma- be a more threadbare subject than corn chines and implements are not manu- upon which to write a bulletin? Every factured there at all. Of late great quan- agricultural paper in the land has some

### Read and Run.

been \$43,000,000 had it not been for the

-The number of ships between New

-The number of new loan subscribers is 321,300, New York leading, Massachu-

setts second. -Henniker Heaton, the English parcel best to improve the fruits of the country,

-The Red Cross officials are accused of and sets already approved. He thought

-Sampson has cabled that the Maria that it would hardly be equalled by an- profitable way. They all have serviceable and tasteful cloth bindings. Teresa will be floated and taken to other kind not naturally growing there. Guantanamo at once.

People intending to enjoy a day's outing and particularly the delightful sail from Lincoln ment. The report is that Mr. Jernegan Wharf to Bass Point or Nahant, should take the early morning boats and return on the early afternoon trips, and thus be sure of a pleasant appeared, variously known as Fisher and sail free from the discomforts of the crowds Phelan. The works at North Lubec are which patronize the boats on the first afternoon trips. The musical program is the great attraction at these popular resorts; concerts are given every afternoon and evening by Lafri- Department, a couple of carloads or more cain's Naval Brigade Band. Good boating, of foreign seeds from Turkestan and bathing, fishing, fish dinners, beautiful drives, Russia. These seeds were distributed far magnificent scenery, cool breezes, band con- and wide among the farmer experimentments which are offered for visitors to these resorts. There are roller coasters, chutes of all descriptions, merry-go-rounds, trolley swings, by their godfathers. A special scoop and countless other contrivances for providing sensational amusement. The steamers of the Nahant Line leave Lincoln Wharf, Commercial gathering melon seeds in Russia, from Street, every minutes.



A State Department report from the but is still unable to satisfy the demands

mitted free. THE AMERICAN FRUIT INDUSTRY. The numerous requests from farmers that the largest yield of corn on record. be taken by fresh troops from the United the Eastern squadron under Commodore Wat- and fruit growers for the report of Mr. 237 bushels per acre, was grown in South son. Altogether, the Review again shows its W. A. Taylor, assistant Pomologist of Carolina, and that the second heaviest and soon retired Prince Bismarck to prince Bismarck year around than any city man of the lot, kind is not yet clear, but he may be reyear around than any city man of the lot, and is not yet clear, but he may be reprovided you take hold of country life by garded as certainly one of the greatest begin the attack Augusti will propose to be begin to be kind is not yet clear, but ne may be regarded as certainly one of the greatest constructive statesmen in the history of capitulate on the following terms: The Spanish troops to march out with the honors of war; the soldiers and officials honors of war; the soldiers are warded which has been considered by the soldiers and officials honors of war; the soldiers are warded which has been considered by the soldiers and officials honors of warded warded which has been considered by the soldiers and officials have been considered by the soldiers and the soldiers are warded by the soldiers and the soldiers are warded by the soldiers and the soldiers are warded by the soldiers are warded by the soldiers are warded by the sold to be permitted to return on parole to in 'Dr. Heidegger's Experiment,' 'Dr. Grim-subject; in fact, information that has never before been brought together in dollars have been wasted in stocking lakes now walk as well as I than I have for years. Park Square, Boston, Mass.

The August issue of Table Talk furnishes excellent and timely reading and helps for the

the form in which it appears and for plants grew upon which they could feed, a similar trouble to try your remedies. You and Secretary Wilson is on the right track by my feetimenial put of the can be made in the form in which it appears and for plants grew upon which they could feed, a similar trouble to try your remedies. You and Secretary Wilson is on the right track by my feetimenial put of the can be made in the can be m The time is coming when the man without ability to get hold of new ways, will be

General Miles' progress in Porto Rico by my testimonia put others in the b triumphal march. The Porto Ricans, in Wood Study," by Martha Bockee Flint, that the strawberry "the wonder of all the out what aquatic plants are suitable for crowded out into undeveloped regions, or As to Cuba, it was demanded that Spain most cases, receive the Americans gladly will interest most women; "Let Fall the Cur- fruits growing naturally in thes parts. propagation in our water bodies which will fall into the ranks of those who hire release her government, possession and and the resistance of the Spaniards is a tains," by Viginia Lyndell Dunbar, who is In some places where the natives have will serve as a food for the fish with out to the men who can handle modern control. It should be noticed that noth- feeble one. The railroad between Guanica widely known to the reading public. The aras would fill a good ship within a few for the benefit of the people living near miles' compass." William Wood, who them. This is by no means an easy task, came in 1629, reports: "There is but men are now at work in the Great likewise strawberries in abundance, Lake regions and other water sections, office, 2A Beacon Street. He is a specialist A sample copy will be sent free to any of our verie large ones, some being two and by fall something will be known as to readers addressing TABLE TALK Publishing inches about; one may gather halfe a what they propose should be done. This bushel in a forenoone. In other seasons seems a matter which should have been there be Gooseberries, Bilberries, Resber- carefully studied by the FishCommission, Sundays, 63 No. Main St , ATTLEBORO, MASS. ries, Treacleberries, Hurtleberries and but small matter who does it so the end is Currants; which being dried in the Sunne accomplished. GUY E. MITCHELL. -A great wheat crop is certain in Min- are little inferior to them that our Grocers points often to be sold at wholesale and by Spain are to be known as part paythat now the terms of peace have been nesota, North Dakota and South Dakota. sell in England." Brother Wood seems to have been of a discriminating taste for view, if he will firmly make up his mind his praise of our fruits is not unmixed to look for it. with criticism. He says: "The Cherrie trees yield great store of Cherries which -The deficit for the year would have grow on clusters like grapes; they be much smaller than our English Cherries nothing neare so good if they be not fully -A steamer line is to be opened be- ripe; they so furre the mouth that the tongue will cleave to the roofe and the throat wax hoarse with swallowing those better in taste. The Plummes of the countrie be better for Plummes than the Cherries be for Cherries ing been complained of as wholly unfit -Steamers are to begin running be- red Bullies, as I call them, being little York and Copenhagen is to be increased and yellow about the bigness of a Damson of a reasonably good taste." William Penn mentioned chestnuts, walnuts, plums, strawberries, cranberries, whortleberries and grapes growing naturally in

> and a page devoted to almonds. It also contains some valuable figures relative to different years, exports of vinegar, cider tice to the Maintaining and Increasing of the -Santiago merchants are nervous over and canned fruit, preserved fruit, nuts, Productivity of the Soil. By I. P. Roberts, growers, truck gardeners, florists and others. the rumors that United States troops are etc. The ten varieties of apples appear- Director of the College of Agriculture, Cornell By L. H. Bailey, Professor of Horizontal Productivity of the Soil. to be withdrawn. Shafter has asked the ing, from data gathered by the Depart- University. 432 pages, 45 illustrations. Es- the Cornell University. 812 pages. ment best suited for the export trade are pecially valuable. -General Merritt wants 50,000 men to Baldwin, Ben Davis, Jonathan, Northern gents around Manila may figure; the orig-Newtown Pippin, York Imperial or John-tice of the Application of Liquids and Powders nell University. 365 pages, 152 illus son's Fine Winter, the two last varieties to Plants for the Purpose of Destroying Insects being equally well known by either title, and Fungi. By E. G. Lodeman, late Instrucalthough until lately it was not supposed tor in Horticulture in the Cornell University. that the Albemarle and the Newtown Pip. 399 pages, 92 illustrations pin were from the same stock and identi-

the woods, and questioned whether it was

The bulletin contains five pages of hand-

LOOKING FOR SPICY CANTALOUPES.

The readers of the PLOUGHMAN will remember that sometime ago Secretary Husbandry in the Cornell University. 280 Wilson procured, through an agent of the are developing very interesting qualities and are being watched with great interest was made by the Department agent in which country many of our finest and

most delicious varieties and strains of musk melons have come. The department distributed a large number of these seeds over the sandy melon sections of New Jersey and Delaware, where they know how to raise melons. They were planted and in due time broke ground and those which escaped the melon bugs and other nuisances are growing finely. Now when they are beginning to show their characteristics, the department sends another man to wander about over the fields where they are growing and take notes on their appearance and as to whether they like America or not. As they be longed to Uncle Sam and had the special United States consul-general to Russia, privilege of coming in free of duty whereindicating that that government has as other melons had to pay duty, it is largely reduced the duties on agricultural probable that they will do their best. In machinery, fertilizers, etc., shows that any event that agent who is watching them from week to week has a large knife matters relating to farming, and wishes which he constantly carries and as soon to get her share of the international farm as those melons show any signs of ripe-

> CORN CULTURE IN THE SOUTH Can anybody think of what appears to

titles of agricultural machinery and im- thing in every issue about this king of plements have been shipped from mer- cereals and it would seem that there is chants in this country to Russia, where nothing new to be told about it. Howto be highly appreciated. All new kinds South, only, and brings out a fact which of machinery intended for exhibit are may not generally be known, that the landowners with the most recent im- largest corn yield per acre in the United provements; also chemical fertilizers and States. It is true that the average yield other chemicals for use in exterminating of corn per acre in the South is not equal insect pests or fungus diseases are ad- to that secured in the corn states of the methods of culture than to difference in soil and climate, is evidenced by the fact

mation obtainable in regard to this crop
throughout the South.

FEED THE FISH.

Probably hundreds, or thousands of
While taking your medicine I have been able
to go out every day in all kinds of weather, can
now walk as well as I ever could and feel better

EVERYONE can find a cheerful point of

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admitted entirely free in order to acquaint South has and probably can produce the landowners with the most recent implanted per acre in the United Dr JAMES M. SOLOMON 2A BEACON STREET, Northwest but that this is owing more to Cures Cancers and Tumors Without the ability to keep well abreast of all important the Department of Agriculture, on the yield of any county in the country (per Dr. James M. Solomon; Dear Sir: Appreciation military and naval movements, and to exhibit a clean pair of heels to all its competitors in the United States, has a clean pair of heels to all its competitors in

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skill of art or to send for foreign stems are thoroughly practical, up to date, reliable and thought stimulating. Each book is written by a competent specialist under the editore responsibility for the yellow fever epi- it most reasonable to believe that a thing vision of Prof. L. H. Bailey of Cornell University, and every one of them grows best where it grows naturally, and should be in the home of all who aim to carry on a farm in a practical and

> THE SOIL. Its Nature, Relations and Fun- | THE PRINCIPLES OF FRUIT GROWING. B. damental Principles of Management. By F. H. L. H. Bailey, Professor of Horticulture in the some colored plates, including the white King, Professor of Agricultural Physics in the Cornell University, 520 pages, 114 raisin grapes, muscats and muscatels, five University of Wisconsin. 303 pages, 45 illus- It appeals especially to the horticular varieties of prunes, four of figs, olives trations.

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### MARKETS.

BOSTON LIVE STOCK MARKET.

Cattle 1-4c higher.- Lambs a shade easier, arket slow.

Reported for Mass. Ploughman.

Week ending Aug. 3, 1898. Amount of Stock at Market.

Cattle. Sheep. Shotes. Hogs. Veals This week, 2,917 12,027 117 28,688 1,705 Last week, 4,305 7,786 165 24,274 1,840 Ora year ago, 5,009 11,924 112 26,715 1,583 Horses.... 451

CATTLE AND SHEEP BY BAILBOADS, ETC. Cattle, Sheep. Cattle, Sheep | 1,469 11,357 Eastern | 281 293 | 126 B. & M. | 31 126 B. & M. | 30 | 3 | 4 A | 1,006 251 Foot & boats, 80 Total.....2,917 12,027

Values on Northern Cattle, etc. Beef.—Per hundred pounds on total weight of de. tallow and meat, extra, \$6.00 a6.25; first ality, \$5.50 a6.75; second quality, \$4.75 a6.25; ird quality, \$4.00 a4.50; a few choice single irs, \$6.50 a7.00; some of the poorest, bulls, i., \$3.00 a83.75.

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OOK.

Working Oxen.—\$60@130; handy steers, \$50 @100, or much according to their value for beef. Cows and Young Calves.—Fair quality, \$20@ 5; extra, \$40@48; fancy milch cows, \$50@60; grow and dry, \$12@24. Stores.—Thin young cattle for farmers: year-lings, \$8@18, two-year-olds, \$12@28; three-year-olds, \$20@38.

Sheep.—Per pound, live weight, 21/2@3c;extra, 81/2/4/2c; sheep and lambs per head, in lots \$2.50@\$5.00; lambs, 6@61/4c.

ARRIVALS AT THE DIFFERENT VARDS. CATTLE. SHEEP. HOGS. VEALS. HORSES Watertown, 1.550 11,483 14,511 789 381 8righton... 1,367 544 14,177 916 70

An increase in fat hogs and lambs this week and less arrivals of beef cattle. The market for cattle is only fair. City butchers had about an average supply of good quality steers that cost \(^1\_4\)c higher. Best at \(^5\)3c L. W. The lamb market is \(^1\_4\)c easier old sheep firm in price at \(^4\)2c for Western. Lambs at \(^6\)4c. Hogs in good demand and steady prices paid. The Western come in freely, and corn fed solid porkers. Calves hold fairly steady intprice but heard of none over \(^5\)4c. Fair sales to milch cows, especially the hetter class. Horses in moderate sale and prices are not firmly established.

Catt	le. 8	heep.	Cat	tle. S	heep
Maine			Fred Savage	15	
At Brigh	ton.		H N Jenne	7	35
r A Berry	19		W A Farnham	12	
Libby Bros	41		S M Flint		47
J M Philbrook	1.9		J McLean	10	
Thompson &					
Hanson	42		Cana		
Harris &			At Water		
Fellows	. 39		J Gould	78	139
W W Hall			J A Hatha-		
& Son		. 1	way	78	180
Bissell & Co	. 3	166			
Pulsifer Bros	16		Massachu		
H M Lowe	10		At Water		
M D Holt			J S Henry	. 7	
& Son	43		At Brig	hton	
OW Rolfe	13		J S Henry	54	1
Gilman &	_		R Connors	10	
Gordon	8	1	Scattering H A Gilmore	80	
N W			H A Glimore	25	
New Hamp			DA Walker	- 3	
At Brigh	ton		C D Lewis	- 7	
J Y Keazer			J Goodwin	- 5	
At Water	tow	ta	***		
Moulton &			Weate		
Jones Breck &		15	At Brigi		
BLOCK W			E N Chamber	un	200
Wood	42		Sturtevant &		
W F Wallace	64	11	Haley		
**			8 S Learned	112	
Vermo	nt.		Swift Beef	0.00	
At Water	LOWI	lk »	Co	678	
Carr &					
Williamson A A Pond			At Water	town	B.
	6		G A Sawyer	18	250
W Ricker &	0.8	4.0	Western 9	47 10	0,750
& Son	25	45	J A Hatha-	000	
M G Flanders		11	way	223	

M G Flanders	11	J A Hatha- way	223	
Hogs. C	alves.	Hog	s. Ca	lve
Maine.				
At Brighton		Vermon	t.	
P A Berry	35	At Watert	own	
Libby Bros	78	Carr &		
J M Philbrook	54	Williamson	8	6
Thompson &		A A Pond		3
Hanson	70	G H Sprigg		
Harris &		& Co	15	10
Fellows	72	W Ricker		
WW Hall			258	11
& Son 2	72	M G Flanders	35	3
Bissell & Co	3	Fred Savage		3
Fulsifer Bros	32	H N Jenne	7	4
H M Lowe	50	W A Farnham		6
M D Holt		8 M Flint	75	6
2000	90	J McLean	21	1
OW Rolfe	6	O DECEMBER		-
U A U DOD 52		Massachus	ette	
Gilman &		At Watert		
Gordon 21	13	J S Henry		
New Hampshi	re.	o a reemy	_	
	1.	At Brigh	ton	
JY Keazer	28	J S Henry	2	5
At Watertow	n.	R Connor	_	
Moulton &		Scattering !	200	20
Jones 75	30	H A Gilmore		1
Breck &		D A Walker		í
Wood	40	C D Lewis		-
WF Wallace 3	120			

Export Traffic

latest advices from Liverpool we learn zarrivals of cattle bave demoralized the the demand very quiet and prices have of  $\frac{1}{2}$ c per ib, with sales at  $10\frac{4}{3}$  @ $11\frac{1}{2}$ c, rule better at Lendon than Liverpool, at mer  $11\frac{1}{2}11\frac{1}{2}$ c, sinking the offal and at all  $10\frac{1}{3}$ c  $\alpha$ 1 $11\frac{1}{2}$ c. From Boston for the he shipments were 2020 cattle and 540

ments and Destinations.—On steamer Ar-for Liverpool 830 cattle by Swift Beef a steamer Londonian for London 41-by Morris Beef Co.; 286 by Swift Beef Co. uner Cambroman for Liverpool 510 cattle 0 sheep, by the usual shippers.

### Horse Business.

Horse Business.

hot weather does not improve the market filere are some good sales where the quality all right. The arrivals continue light and arrives are disposed of either at public or the sale. At & Ham & Co sale stable sales by horses of 1100@1500ths at \$100@\$200, second hand at \$35@\$100. At Welch & sale stable 3 loads on sale and acclimated es; a fair week considering the weather. At Davis Northampton street sale stable havene good horses on sale; did a fair business galas sale in speed, drive, coach and saddle sate \$4575 down to \$100. At L H Brocks sale stable trade a little quiet but sale at the price, some good sales at \$125@\$160, some as low as \$400 and a \$100 and \$10

### Union Yards, Watertown.

Tuesday, August 2, 1898. More than twelve hundred cattle less than last week. Less arrivals from the west, and cattle from that source cost Mac more than last quo talions. The tone of the market for cattle was not active, butchers did not buy only what they required. Sometimes when cattle are lower are ligher. We expect slight changes in prices during the hot weather.

Cattle Sales. WF Wallace sold 2 oxea L W, 3720 lbs at  $\frac{1}{2}$ 4c, 2 oxea of 3250 lbs at 4e 2 cattle of 2000 so at  $\frac{3}{2}$ 5c, 2 slim cows for \$11\$ a head. Breck & 350 dbs at  $\frac{2}{2}$ 6c, 2 slim cows for \$11\$ a head. Breck & 351 haway sold 15 steers av 1550 pounds at 344 c 20 do of 1525 lbs at  $\frac{5}{2}$ 4c, 15 do of 1506 lbs at  $\frac{5}{2}$ 4c, 16 do of 1475 lbs, at 5c, 10 of 1466 lbs at  $\frac{4}{2}$ 4c, 10 of 1450 lbs at  $\frac{4}{2}$ 4c.

Maine Cattle. Beef and Store Markers.

Maine Cattle. Reef and Store

There were 18 ca load of live stock over the Eastern valing and an at the yards made up of beef and store cattle, mich cows, veal calves, hogs and lambs. All the small stuff found instant sale at steady prices such as for beef in light supply, composed of oxen, beef cows and bulls. The quality nothing extra. O W Rolfe sold a pair of oxen weighing 3000lbs, at 5c. J Y Keazer sold 2 bulls av 700 lbs at 2½c, mostly slim stock on sale at 2½ @3½c, lby.

Sheep Houses.

Over 12000 head have reached the market within the week against 7786 last week. The exports were light and the home trade had nearly all. The western lambs have declined \(\frac{1}{4}\)\circ \(\text{D}\)\ which was probably the cause of the increased supply. Best lambs laid down here at 6\(\frac{1}{4}\)\circ \(\text{D}\)\ Canada lambs will be started a month later about first of September, About the usual number will be marketed from the north. W F Wallace sold 70 ib spring lambs at \(\frac{1}{2}\)\circ, 113 ib sheep at \(\frac{4}{2}\)\circ.

J S Henry sold 105 ib sheep at \(\frac{4}{2}\)\circ.

Milch Cows and Springers.

Veal Calves. No lack of supply and butchers were paying 5½4@5½c ib for good lots. Market supply at Brighton 916 head.
Thompson & Hanson sold 60 odd calves at 5½c. Harris & Fellows 60 calves of 135hs at fraction over 5½c. W Hall & Son 67 calves, 135hs at 5½c. O W Rolfe sold 5 calves av 140 hs at 5c. P A Berry sold at 5½c.

Fat Hogs. No change in the market and demand fair; the western cost 4@4%c L W. Country lots at 5%c D W. Live Poultry. 21/4 tons on sale of mixed quality, at 9@10c h Boston & Albany Yards, Brighton. WESTERN BEEVES. PRICES IN CWT. ON THE LIVE WEIGHT.

Brighton, Tuesday and Wednesday.

Aug. 2 and 3. Fat Hogs.—Per pound 4@43%c, live weight motes wholesale...; retail, \$150@\$5 50; country dressed hogs, 54%c.

Veal Calves.—3½ £5½c P ib.

Hidea.—Brighton, 7½ £7%c Pib; country lots (27%c)

Calf Skins.—60c@\$1.35. Dairy skins 30c to the country lots.

Tallow.—Brighton, 3@3½c P ib; country lots also defect that such as came from the west cost ¼c L. Whigher than a week ago. Therefore less from that source. The demand for beef cattle is certainly no better than last week on any grade. Sales of 10 beef cows 200 ibs at 3c; 2 bulls of 610 and 1170 ibs at 2½c.

R Conners sold 6 beef cows 1000 ibs each at 3c. H A Glimore sold 6 very slim cows at 2c.

J Y Keazer sold 2 bulls av 700 ibs at 2½c.

Western steers at 4¾ £5%c I. W. Aug. 2 and 3.

Late Arrivals and Sales.

At Brighton on Wednesday. A fair delegation of buyers but they did not appear to be very anxious to buy, and certainly did not pay any extravagant prices, still values were much the same as last week. Supply of cows was fully coual to demand. same as last week. Supply of cows was fully equal to demand.
Libby Bros sold 6 choice cows at \$55@\$60, and \$30@\$40 bought the balance of his lot. R Conners sold cows at \$40@\$50. W Hall & Son sold cows at \$40@\$50. W Hall & Son sold cows at \$30@\$50, but had difficulty in selling calves, offered 5½ con Tuesday and reduced, and found it hard selling on Wednesday at 5c. M D Holt sold milch cows at \$20@\$60, H M Lowe sold 2 cows at \$45 each, 2 at \$40 each, 3 at \$36. P A Berry sold 2 at \$40, 2 at \$35. 1 at \$50. W F Wallace 27 cows at \$75@\$65. O H Forbush had 9 cattle, sales at 2% @\$3.55 of 730@\$1220lbs. J S Henry sold cows at \$30@\$55. Store Pigs — Trade quiet at \$1.50 @ \$2.50. Shotes at \$3.6.85.50. No working oxen.

	***
Mis	cellaneous.
Hides.—Brighton.	7 1/2 @7% c P lb; country
	a, 3@34c P lb; country lots
1 1/2 C.	To an in the last of the last
Calf Skins65@	\$1.35.
Dairy Skins 30	ĝ40c.
Pelts.—7c@40	G. J. FOX.
Boston P	rovision Market.
Hams are 101/4c v Pork, long and st	continues quiet, with prices with lard firm.

The pork market continues quiet, v	rith p
unchanged	
Hams are 101/2c with lard firm.	
Pork, long and short cuts & bbl. \$13	@13
Pork, light and heavy backs, \$12@13	00
Pork, lean ends, P bbl. \$14 50	00
Fork, lean ends, p bol. \$14 50	
Tongues, beef P bbl, \$23.	
Tongues, pork, P bbl, \$17.	
Beef, pickled, P bbl. \$10 50@11 50	
Shoulders, corned and fresh, P to 7c.	
Shoulders, smoked, & to 71/2c.	
Hams P tb. 9291/2c.	
Bacon, P to 9@91/9c.	
Pork, loose, P ib 7c.	
Briskets, salt, P to 71/20	
Ribs, fresh, P ib Sc.	
Sausages, P % 7 % c.	
Sausage meat P fb 61/2c	
Lean sausage meat, P to 7c.	
Blade meat, P ib 71/2c.	
Lard, in tierces, & fb 61/4c.	
Lard, in pails, p ib 7@7 1/2 c.	
Land in palls, pure leaf 10 th 71/ 20	11/4
Lard, in pails, pure leaf, # th 71/4@8	-/4 C.

## Boston Produce Market.

١	Wholesale Prices.
	Poultry.
	Fresh Killed.
	Receipts are moderate and prices are generally held as last quoted, but demand is decided a slack. Western fowls are hard to place at over 10c. Chickens slow at 12@15c as to size an condition. Very little demand for spring duck
	Ducks. spring \( \psi\$   15   9@1     Pigeons. tame \( \psi\$ doz.   10@1 2     Western, iced -
	Live Poultry.
	Fowls are in moderate supply and steady a 10c. Some extra large chickens sell as high a 13c.
	Fowls 9 tb 9210

Ducks 5 a Old cocks 6 a 6
Live Poultry.
Fowls are in moderate supply and steady at 10c. Some extra large chickens sell as high as 13c.
Fowls ₽ fb
Butter.
Receipts are moderate and the market has a firm tone, but demand is light. Strictly extra Vermont and New Hampshire fresh creamery has a moderate sale at 10½c and some of the finest marks are held at 20c. Extra western is

	Butter.
	Receipts are moderate and the market has a first tone, but demand is light. Strictly extra Vermont and New Hampshire fresh creamery has a moderate sale at 194%c and some of the finest marks are held at 20c. Extra western is firm at 19c, with some of the best in assorted sizes held at 194%c. Firsts hold steady at 17% 18c Imitation creamery is in light supply and some of the finest brings 18c. Fine box butter steady. Prints selling more freely.
	Note.—Assorted sizes quoted below include 20, 30, 50 lb. tubs only.
	Creamery, extra-
	Vt. & N. H. assorted sizes £191/2
	Northern N. Y., assorted sizes @19
	Northern N. Y., large tubs
	Western, asst. spruce tubs 219
	Western, large ash tubs
ĺ	Creamery, northern firsts17@18
1	Creamery, western firsts 161/2 @171/2

	Northern N. Y., large tubs	@19	
	Western, asst. spruce tubs	凍19	
	Western, large ash tubs	319	
	Creamery, northern firsts1	7@18	
	Creamery, western firsts 163	4@17	1/2
	Creamery, seconds1	4.015	
	Creamery, eastern1	7@18	
	Dairy, Vi. extra1	6.6	
	Dairy N. Y. extra	5.6	
	Dairy, N. Y. and Vt. firsts	48	
	Dairy N. Y. and Vt. seconds1	3@	
	Dairy, N. Y. and Vt. low grades1	38.	
	Dairy, western	3@14	
	West, imitation creamery, small tubs.		
	extra. West imitation creamery large tubs firsts 1	5616	
	West imitation creamery large tubs firsts 1	4 @ 18	
	imitation creamery seconds1	3 8	
	ladie nrsts	3.6	
	" ladle seconds1	2.6	
	Boxes		
	Extra northern creamery	9142	
l	Extra western creamery	@19	
	Extra dairy1	79	
	Common to good1	4 9 16	
	Trunk butter in 1/4 or 1/4 th prints		
	Extra northern creamery	@20	
	Extranorthern dairy	@17	
	Common to good1	5416	
	Extra western creamery	@19	

-	Pretty Acatoria cicamici A	
	Cheese.	
t o	There is nothing new to report. Receipts are light but trade is quiet and the tone no more than steady.	
& A	Liverpool quot. white 37s. 6d. New Cheese -	
10	New York, small, extra P b	

Vermont, small extra # fb.
firsts # fb.
seconds # fb..... Eggs. There is a fair supply of fresh stock but a good deal of it is more or less heated and most sales of western continue at 13½@14c and under. Some very fancy Mich. bring 14½c. Good to choice cold storage stock has a moderate sale at 13@13¼c. Nearby and Cape fancy & doz. Eastern choice fresh. Rastern fair to good. Vt. and N.H. choice fresh. Western fair to choice.

Potntoes The market is pretty well cleaned up. Best Ros- and Hebrons are in good fair demand at \$1.75 \$\sqrt{p}\$ bbl. Maine Rose and Hebrons ₱ bbl...... 1 50@1 75 Bristol Ferry, R. I. Rose and Heb. 1 62@1 75 Native Rose and Hebron ₱ bbl...... 1 50@1 75 Sweet Potatoes. There is a moderate supply and a steady fair emand at about the prices quoted.

 Yellow P bbl
 4 00@4 50

 White P bbl
 3 50

 Red P bbl
 3 00@3 50

 Native cabbages are very plenty and have to sell at low prices. Onlons still in full supply and quiet at quotations. Marrow squashes lower, choice high colored selling at 75c. Receipts of tomatoes continue heavy. Most lots are green and ordinary and have to go at low and irregular prices. Native tomatoes in fair supply at \$2\pi\_2,50 \$\pi\$ bush.

The market continues quiet, with prices steady of safe prices. Native tomatoes in fair supply at safe prices. Native tomatoes. Native tomatoes. Native tomatoes. Nativ

Rhubarb, native P 100 lbs . Radishes, P doz. Rhubarb, Chicago, P 50 fb. Domestic Green Fruit.

Native apples are coming in considerable quantities and choice hand-picked fruit is in good fai demand, best varieties at \$2 50@2 75. and o ccasionally \$3 \$9 bbl. Common southern green apples are not wanted. Blackberries in moderate supply and choice lots in steady demand, some extra natives at 9@10c. Blueberries in fair supply and choice dry lots in good demand, but most of the arrivals are more or less wet, and have to sell at 9@10c. But few raspberries coming. N. C. grapes are cleaning up slowly and at low prices. There is but little demand even for the best of them. Peaches continue in light supply and choice fruit sold readily at \$2@2 25 \$1 carrier. Watermelons are plenty mostly small to medium size, and having a dull sale at irregular prices, some as low as \$8. The market is glutted with muskmelons. Most of them are over-ripe and have to go for what they will bring, in many cases not enough to pay charges.

y	Williams, hand picked ψ bbl 2 00@2 75   Astrachan, hand picked ψ bbl 2 00@2 75   Early Harvest, had pkd ψ bbl 2 00@2 50   Sweet Bough, hand pkd ψ bbl 2 00@3 00
8	Blackberries-
	Jersey Wilson's \$\mathbf{p} qt
	Blueberries-
	Mass, and N, H, ₱ qt box       8@12         New Brunswick ₱ qt       9@11         York State, ₱ qt       8@10
	Muskmelons-
18	Jersey, Jenny Lind ⅓ bbl. crt
	Peaches-
	Eiberta, gd. to choice \$\Psi\$ carrier 2 00@2 25 White varieties, gd. to ch \$\Psi\$ car 2 00@ Common and sm. \$\Psi\$ carrier 1 50@1 75
	Grapes-
	N. C. Delaware P carrier
	Raspberries-
	Native P qt 6@8 Hudson River P ½ cup @ Western N. Y. P pt
	Watermelous-
	Large\$20 00@

Small\$10	00@12.0
Tallow.	
Rough, P B	14@2 24@3
Hides and Pelts.	
" dry flint " salted " buff, in west Calfskins, 5 to 12 ibs each " overweights, each " south, flint dried & ib. " salted & ib. Deacon and dairy skins Shearlings each Lambskins each spring.	15@15 <sup>1</sup> 14@14 <sup>1</sup> 10@10 <sup>1</sup> 65@1 3
Peas.	
Choice Canadian P bu	90@ 65@75 80@85 90@95
	Smail

Dried Apples.

Demand for evaporated apples continues light and for small ots. No change in prices.	T
Evaporated, fancy to extra fancy       9½@10         Evaporated, choice       9½@0         Evaporated, prime       8½@0         um dried, prime       3@1	tal a
Grass Seeds.	size
Cimothy, P bu       1 45@1 50         Clover, P ib.       6.27         Led Top, western, P 50 ib sack       @2 00         11@12	the lat le
Beans.	artif
Receipts are increasing, demand is slack and	coate

fancy recleaned, P b 11@12
Beans.
Receipts are increasing, demand is slack and pinces have an easier tendency again. Best marrow pea are quoted at \$1.30 \( \text{gl.} 13\sqrt{y} \text{c}\). Yel- low eyes and red kidneys in hight demand at about former prices.
Pea, N.Y. & Vt. small H. P.       @1 50         Pea, marrow, choice, H. P.       1 30@1 32½         Pea, screened       1 10@1 20         Pea, seconds       90.41 00
Mediums, choice hand picked 1 30@1 35   Mediums, screened
Yellow eyes, extra.       1 45@1 50         Yellow eyes seconds       1 20@1 30         Red Kidney       1 75@2 00         Lima beans, dried \$\Phi\$ b       3½@
W 1 04

Lima beans, dried P h 31/2@
Hay and Straw.
The demand for hay yet rules slow and prices are yet weak and in buyer's favor for all but the best grades. Fancy hay is in moderate supply and such will yet command full prices. Rye straw is quiet with prices quoted about the same
Hay, prime, large bales14 00@15 00
av. No. 1. P ton
" " 3 " 7 00@ 8 00
" fine choice 8 00@ 9 00
" rejected, per ton 6 00@ 7 00
" clover mixed, \$\psi\$ ton 8 00@10 00
" clover. 10 ton 7 00@
" swale, # ton
Straw prime rve 7 00@ 7 50
Straw, oat per ton 6 00@ 6 50
Straw tangled rve 6 50@

Flour and Grain.

Flour.—The market quoted steady. 

Rye Flour.—The market is quoted at \$2 952

Corn.—Demand is quiet with m. No 2 yellow, spot, 41% c. Steamer yellow, spot, 41% c. Steamer and No 3 coru, 39% c. No. 2 yellow 41%c. No, 3 yellow 41%c. No. 3 yellow 41%c. Olipped, tancy, spot, 38.236% c. No. 2 clipped, white 234% c. No. 3 clipped, white 233% c. Lower grades, spot, 32% 233c. Clipped, to ship, 36.236% c. Millfeed.—The market is from

Clipped, to ship, 36g36½c.

Millfeed.—The market is firm, with prices steady to ship.

Middlings, sacked, \$15.75@\$17 50.

Bran, spring, \$13 50@13 75

Bran, wither, \$14 26@15

Red Dog, 17 75@18 10

Mixed feed, \$15 25@16 00.

Linseed meal, \$26 00.

Cotton seed meal to ship, \$21 50@.

The reservoir of three of four years at the agricultural college takes the students, it is as thorough as a professional school.

An Explanation. Malt. - The market is steady with trade ruling State grades, 6-rowed, 58@63c. State, 2 rowed, 53c. Western grades, 53@60c.

Cable advices of this date to George A. Cochrane from the principal markets of Great Britain give butter markets unaitered, with the situation very unsatisfactory and unsettled. The scarcity of cold storage room has caused some forced sales. Receipts of Continental continue large, and with continued heavy home and Irish make, keeps all markets badly congested. Any diminution of receipts and improvement in prices will bring out the large cold storage accumulations, so that any material increase in values is improbable for some little time. Danish can be had at 18 and 19c. Finest Canadian in boxes nominally 16 1-2 and 17 1-2c. Some fancy ladles sold at 14 and 14 1-2c, but demand is small.

Cheese markets are somewhat steadler in Cheese markets are somewhat steadier in tone and considerable business in futures has taken place over the cable in Canadians. Spot prices steady at 7 3-4 and 81-4c for finest Amer-ican and Canadian.

### The Wool Market.

Reported by WENDELL P. YERRINTON, 6 Leather Sq., Boston. Market is less active this week, but prices remain unchanged. The demand, such as there is comes from the worsted manufacturers, but the woolen mills are not in the market for any description of wool. 3/8 .... Unwashed fleece ......

Norfolk green p 1/2 bbl...... 50@75 laboratory and stable hospital in connection therewith. A maintenance fund of \$1000 annually was also established for the veterinary laboratory. A committee was recently appointed by the trustees, including Pres. Goodell, Wm. Wheeler of Concord, Jas. Draper of Worcester, S. C. Damon of Lancaster, and Secretary Sessions to select a site for the new building. The site has been selected, the plans agreed upon and the construction of the laboratory soon begins.

The professor of veterinary science is James B. Paige, a graduate of the col-

James B. Paige, a graduate of the college. He took a course in veterinary science at Montreal and then spent a year in Germany. The class of men who are entering this recognized department of science is of a decidedly higher grade than was the case a few years ago. Veterinary science is an elective in senior year and some attention is paid to it during the college course. Already the instruction at the college in veterinary science, botany and chemistry is so thorough that veterinary colleges allow one year of their course to graduates from Amherst under President Goodell. In all departments of the college the outlook is so good that the prospects of the entering class are exceptionally favorable. About thirty have been admitted already and it is science at Montreal and then spent a have been admitted already and it is expected that the total of new men will

he laboratory building will be sepaed by about fifty feet from the hospi-

To educate your sons and daughters, or for boarders. New house of twelve rooms and bath. Hot and cold water, polished hard wood floors, cemented cellar under whole house, furnace heat, wide veranda stone wash tubs. Within one minute of four churches, 8tate Normal Schoel, High, grammar and primary \*chools; in center of town, yet on a retired street. Best location in town of Bridgewater. Pleasant lawn. Price \$4550. Fart can remain on mortgage. Adcress J. A. Willey, or Mass. Ploughman, 10 and 12 Federal St., Boston Mass.

### FOR SALE

FOR SALE.—Saw Mill property, consisting of Saw Mill 22x70, ntted with a 48 ft. Prescott band saw, one 32 H. P. water wheel, and one 12 H. P. wheel. Planing Mill 2'x24, engine house 20x30, two story box factory 20x24, with barns dry house and sultable sheds. New cottage house of 7 rooms, with outbuildings and 4 acres of land. 215 thousand feet box boards, 250 thousand feet sq. edge boards, plank, decking and boat boards. 25 thousand of oak ship timber. Part of money could lie on mortgage. J. A. Willey,

Room 12. 10 and 12 Federal St. Boste Henderson Dairy Co.

Registered Jersey Cattle for Sale at reasonable Brookline, Mass.

Corn Meal.—The market is quiet at 80 882c P bag, and \$1 86g 1 90 P bbl; granulated, \$2 16 g and surely disinfected. The laboratory and surely disinfected. and surely disinfected. The laboratory Graham Plour.—Trade continues quiet, with the market quoted at \$3 2024 55 P bbl. will have full opportunities for dissection, and the anatomy of horses and cows will be studied just as human anatomy is studied by candidates for the degree of M. D. But this colleges does not give degrees in this course. Those who wish for them must take the regular courses in professional veterinary schools of three or four years additional.

The reason for the great popularity of Hood's Sarsaparilla lies in the fact that this medicine positively cures. It is America's Greatest Medicine, and the American people have an Barley—Quiet demand, with prices nominal at 50@58c. for No. 2 6 rowed State, and 42@45c for No. 2 2-rowed State.

Medicine, and the American people have an abiding confidence in its merits. They buy and take it for simple as well as serious ailments, take it for simple as well as serious ailments, confident that it will do them good.

> Hood's Pills cure all liver ills. Mailed for 25c. by C. I. Hood & Co., Lowell, Mass.

College of Physicians and Surgeons.

For sale by METROPOLITAN COAL CO Would prefer to have buyer team from our stables but will sell delivered on cars at any rail-road in Boston. Apply to Manager, or Asst. Manager, Metropolitan Coal Co., 30 Congress St.

Commonwealth of Massachusetts.

MIDDLESEX, 88.

PROBATE COURT.

To the heirs at law, next of kin, creditors and all other persons interested in the estate of ELLEN F. BAND, late of Woburn, in said County, deceased. Intestate.

WHEREAS, a petition has been presented to V. said Court to grant a letter of administration on the estate of said deceased to Charles E. Cooper of Woburn, in the County of Middlesex, without giving a surety on his bond.

You are he eby cited to appear at a Probate Court to be held at Cambridge, in said County of Middlesex, on the sixth day of September A. D. 1898, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not be granted.

And the petitioner is hereby directed to give public notice thereof, by publishing this citation once in each week, for three successive weeks, in the Massachusetts Ploughman, a newspaper published in Boston, the last publication to be one day, at least, before said Court.

Witness CHARLES J. McINTIRE, Esquire, Judge of said Court, this thirtieth day of July, in the year ore thousand eight hundred and ninety-eight.

Commonwealth of Massachusetts.

Massachusetts Agricultural College

Included in the appropriation for the Agricultural College made by the legis lature last year was \$25,000 for the erection and equipment of a veterinary labora ory and stable hospital in contesting the property strated in said County of Midalesex, adeposit in the State of Michigan deceased, or in the personal property hereinafter described.

White Herks As, Charles Budden, appointed administrator the state of Michigan, has presented to said Court his petition representing that as such administrator he is entitled to certain personal property situated in said County of Midalesex, adeposit in the City Institution for Savings

### Commonwealth of Massachusetts. MIDDLESEX, SS. PROBATE COURT.

stable behind it. The laboratory W HEREAS, Nathan D. Blake the trusted under said instrument, has presented for

tal stable behind it. The laboratory promises to be the finest structure of its size on the grounds. The interior of the building will be so constructed that at least fifteen animals can be treated at one time. The stalls will have floors of artificial stone, while the walls are to be coated with so smooth and hard a covering that they can be washed or steamed thoroughly. The purpose is the medium of the stall start of the manner of the stalls will have floors of artificial stone, while the walls are to be coated with so smooth and hard a covering that they can be washed or steamed thoroughly. The purpose is the medium of the stall start of the manner of the stall start of the stall state of the stall state

### Commonwealth of Massachusetts.

first and final account of their trust under said will.

You are hereby cited to appear at a Probate Court to be held at Cambridge, in said County, on the sixth day of September. A. D. 1898, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not be allowed.

And said trustees are ordered to serve this citation by delivering a copy thereof to all persons interested in the estate fourteen days, at least, before said Court, or by publishing the same once in each week for three successive weeks in the Massachusettrs Ploughman, a newspaper published i Boston, the last publication to be one day, at least, before said Court, and by mailing, postpaid, a copy of this citation to all known persors interested in the estate seven days at least before said Court.

Witness, CHARLES J. MoINTIRE, Esquire, Judge of said Court, this twenty-seventh day of July, in the year one thousandleight hundred, and ninety-eight.

8. H. FOLSOM, Register.

ARMSTRONG & McKELVY BEYMER-BAUMAN DAVIS-CHAMBERS PAHNESTOCK ittsburgh. ANCHOR ECKSTEIN ATLANTIC BRADLEY BROOKLTH JEWETT ULSTER THEOR

SHIPMAN COLLIEB MISSOURI RED SEAL SOUTHERN JOHN T. LEWIS & BROS CO HOBLEY Cleveland.

SOUTHERN

SALEM

CORNELL

Equal privileges for Men and Women. Allowance for service in Hospital Dispensary. Nineteenth year opens Sept. 20., Augustus P. Clark, A. M. M. D. Dean, 517 Shawmut Ave., BOSTON, MASS. Send for Catalogue.

### MANURE

LEGAL NOTICES.

Commonwealth of Massachusetts.

MIDDLESEX, 88.
PROBATE COURT.

S. H. FOLSOM, Register.

### Commonwealth of Massachusetts.

To all persons interested in the trusts under a certain instrument in writing recorded in Nor-folk County Registry of Deeds, Book 569, Page 36.

MIDDLESEX, 88.
PROBATE COURT.
To all persons interested in the estate of SOLO MON FLAGG, late of Belmont, in said County, deceased.
WHEREAS, Solomon S. Flagg and Varnum H. Flagg, the trustees under the will of said deceased, have presented for allowance the first and final account of their trust under said will.

S. H. FOLSOM, Register.

TE believe that Pure White Lead. made by the . "old Dutch process," and Pure Linseed Oil, make the best paint; and all we ask is that makers and sellers shall brand and sell their mixtures for what they are, rather than as "White Lead," "Pure White Lead," "Tinted Lead," etc.

Buyers and consumers are certainly entitled to know what they are getting.

See list of genuine brands. FREE By using National Lead Co.'s Pure White Lead Tinting Colors, any desired shade is readily obtained. Pamphlet giving valuable information and card showing samples of colors free; also folder showing pictures of house painted in different designs or various styles or combinations of shades forwarded upon application to those intending to paint. Salem, Mass Buffalo.

National Lead Co., 100 William St., New York,



Will positively CURE

Rheumatism, Paralysis, Neuralgia, Nervousness, Sleeplessness, Dyspepsiu, Pains in Back, Stiff Joints,

and all Blood Troubles. We sell the best ELECTRIC BATTERIES in the United States, at

We send large foot plate and Sponge Electrode FREE with Battery. Our Batteries are all Dry Celis. Our Book of Explanations showing how to operate Battery, for various diseases is sent with each Battery. We send C. O. D. Subject to full examination at your Express Office. Testimonials from Physicians and Custo

SEND FOR CATALOGUE.

TESTIMONIALS. Among the many thousands of Testimonials we here print a few which come from Physicians and Customers. Our catalogue contains scores of letters of similar testimony that OUR ELECTRIC BATTERIES ARE WORTH THEIR WEIGHT IN GOLD TO THE AFFLICTED. Send for Catalogue.

Our Batteries Superior to Others Costing Much Higher Prices. Dear Sirs:—I have used the Battery myself and on others and have been well pleased with its effects. As a battery it is superior to other makes even of higher price. I will do anything I can for you and wish you the greatest of success. Very truly yours, ALONZO LUNG.

Bt. Albans, Vt., June 17, 1890.

Dear Sirs:—The Williams Perfection Battery you sent me has arrived. Am well pleased with the same.

Yours respectfully. C. C. LAWRENCE.

Paralysis, Rheumatism and Neuralgia Cured.

ELMHURST, NEW YORK,

Dear Sirs:—I suffered terribly with Rheumatism and my wife with Neuralgia.

I bought your Battery and in six weeks' time we were both cured. We loaned the Battery to our neighbor, who was a sufferer with Paralysis resulting from an accident, and he was cured. I would not take \$50,00 for my Battery.

Yours, etc., M. R. SMITH.

Dear Sire:—I bought your Battery for weak back and shoulders. I found that it did me a deal of good, The Battery is all you claim for it.

Yours truly, LEWIS WAY. UNITED STATES BATTERY AGENCY, 101 Beekman Street, NEW-YORK.

Weak Back and Shoulders.

### Commonwealth of Massachusetts.

Commonwealth of Massachusetts.

MIDDLESEX, 88.

PROBATE COURT.

Te all persons interested in the estate of JOHN PEARODY, tate of Arlington, in said County, deceased.

WHEREAS, Sarah E. Peabody, the trustee under the will of said deceased, has presented for allowance, the first account of her trust under said will.

You are hereby cited to appear at a Probate Court to be held at Cambridge in said County, on the stath day of September, A. D. 1898, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not be allowed. And said trustee is ordered to serve this citation by delivering a copy thereof t all persons interested in the estate sourteen days at least before said Court. or by publishing the same once in each week, for three successive weeks in the Massachusetts Proughman, a newspaper published in Boston, the last publication to be one day, at least, before said Court, and by mailing, pest paid, a copy of this citation to all known persons interested in the estate seven days at least before said Court.

Witness, CHARLES J. McINTIRE, Esquire, Judge of said Court, this eleventh day of July, in the year one thousand eight hundred and ninety-eight.

S. H. Folsom, Register.

Commonwealth of Massachusetts.

MIDDLESEX, 8s.

WHEREAS, ARTHUR HERBERT CARTER, det to Caunty, of Cambridge, in said county, has present-act do that of Arthur Herbert McIntosh for the reasons therein set for the All persons are hereby cited to appear at a Probate Court, to be held at Cambridge, in said county of Middlesex, on the sixth day of September A.D. 1898, at nine o'clock in the forence, to shad the first account of the forence on the sixth day of September A.D. 1898, at nine o'clock in the Massachusetts Ploughman, a newspaper published in Boston, the last publication to be one day, at least, before said Court.

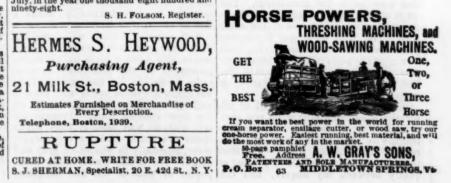
Witness, CHARLES J. McINTIRE, Esquire, Judge of said Court, this eleventh day of July, in the year one thousand eight hundred and ninety-eight.

S. H. Folsom, Register.

## HERMES S. HEYWOOD Purchasing Agent,

21 Milk St., Boston, Mass. Estimates Furnished on Merchandise of Every Description.

Commonwealth of Massachusetts.



\$5.00, \$8.00 and \$9.00.

### THE HOUSEHOLD.

WHO LIKES THE RAIN?

"I," said the duck, "I call it fun, For I have my little red rub sers on:

"I," cried the dandelion, "I; My roots are thirsty; my buds are drv." And she lifted her little yellow head Out of her green and grassy bed.

"I hope 'twill pour! I hope 'twill pour!"
Croaked the tree toad at his gray bark door;
"For with a broad leaf for a roof

Sang the brook: "I laugh at every drop, And wish they never need to stop, Till a big river I grew to be, And could find my way to the sea."

### SOME OF NATURE'S WAYS.

BY MARY F. BUTTS.

"We need no longer think of the plants as having been made once for all: we may think of them as having grown and improved, and almost invented; and that idea immensely deepens the interest with which we can watch all their innocent ways and curions, half-reasoning, innocent devices."
So says Grant Allen. It is especially

a delight to watch their "innocent ways," when one is living in close com-panionship with them; and their bewitching changes and developments are noted with the loving eyes of a friend and neighbor. No wonder that the early folk-lore is so saturated with the marvellons! What so natural for a simple nature (would that we all were more simple!) to imagine an elf in each buttercup blossom, and faries galore grasses by day, to come forth and dance away the June nights, when all great, ungainly humans should be locked fast in unconsciousness. Here on Buttercup Bank, as we have named our pretty summer home, the flowers are our close \*MASS. FLOUGHMAN COUPON. friends. Great masses of buttercups . make a marvellous contrast with the sparkling, hurrying tide, and starry ber and size of pattern desired, and mail it to idle with the salt breeze just in from the sea. A few dandelion clocks linger in sheltered hollows; and our interpreter loves to pick them, and, holding up . a feathery globe to the wind, watch its . tiny seeds take wing.

Sometimes she discourses the while . of the wondrous thing, and never withont willing listeners. She tells us that the separa e florets of the compact cluster that we call a dandelion-dent de . lion, or "lion's tooth"—are surrounded by fine hairs. These hairs represent what was a calyx in the far-away time when the florets were individual flowers, each with independent organs; that this calyx, which once protected the flower from intruders in the shape of insects, no longer needed for that purpose, has gradually become adapted to a new use by growing into a little wing by which the seed can be wafted here, there and everywhere. "They are beautiful, but they mean business," says the interpreter, as the fairy things go floating off, each in search of its own bit of mother earth. "And so it is throughout the universe," she con-"Everywhere beauty subordinated to use." Then she reads to us from the book that until now has been swinging in her hammock, this interesting bit of lore:

"The reason why plants take all this trouble to get their seeds distributed is a simple one, and yet it might not immediately strike everybody. Why should they not let them drop out upon the ground just underneath their own branches? For the very same reason that the farmer does not crop the same land with corn or turnips ten years fore the agriculturist consciously hit

"The mother plants must find new homes for their children," the interpre-ter went on; "and they invent, so to speak, various ways of dispersing their

"I should think so," said the child. "I have carried enough burrs for Mrs. Burdock to plant a farm. I hope she is grateful to me and the rest of the school children."

"You are only one of her servants," said Interpreter. "The sheep family do her errands willy-nilly; and I saw a bunch of burrs sticking to the old mare's tail the other day."

"I think the Sticktights can't be beat for imposing upon unwary travellers," said the mother.

"You mean the burr-marigold," said prising family."

"And what funny little claws they have!" said the child, who had learned to see out-door things.

"The milkweeds and thistles and they fly fast and far with the little seeds, here may have a large family growing

strawberry sends out runners, and days of fall. creepers do the same. Then there are the really most stylish black gown will in an exchange. "It is the custom in the popular plants,' as somebody has this season take on a touch of color or most households to throw all of the called them. I remember very well white. The secret in making an effective playing with the dry capsules of the tive black and white gown is to use a and a more reprehensible practice I vessel would 'go off' with a tiny noise; wear, and a great deal of white with soup kettle if one is kept on the range and the seeds would go off, too, and touches of black if intended for dressy against the time of need. find new lands for themselves. The indoor wear. To use about the same seeds of the pretty roadside jewel-weed quantity of each invariably makes a where the dainty and admirable econoget themselves distributed in the same dowdy effect.

writer in the Outlook says:-

seeds at once popped out in all direc-

their stringy fibres, and shoot out little Christian Register.

QUALITY, NOT PLACE. .

Said A, "Whene'er I stand between The letters B and D, I'm in the midst of all that's BAD, As you may plainly see.

"How strange!" said merry, laughing E,
"When I between them am.
I'm tucked up comfortably in BED, And happy as a clam."

"It's quality within ourselves," Then mused the letter A,
"And not the place we occupy,
That makes us sad or gay. -Mrs. H. M. Greenleaf, in St. Nicholas.

### FREE PATTERN.

mature (would that we all were mple!) to imagine an elf in each plossom, and faries galore slyly among the clustering by day, to come forth and dance e June nights, when all great, y humans should be locked fast readounces. He coupon below must accompany each order, otherwise the pattern will read the second of the second

daisies on their tall, swinging stems . THE HOME CORNER, MASS. PLOUGHMAN, BOSTON, MASS.

Name
Address
No. of Pattern
Stat
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Enclose ten cents to pay expenses.



No. 7393-Ladies' Six Gored Skirt.

white is here shown with a pretty ion need not be over two inches wide, running. The plants had unconscioussimple foot trimming composed of three and five inches long and the needle book narrow frills of sage green satin ribbon. may be attached to one end. Stick it Having a straight back breadth with full of pins of the best make, that have each bias edge of gores joined to the good points. straight edges, this skirt will not sag and Boot lacing is, therefore, especially adapted to sheer be appreciated. It is often difficult for fabrics, such as organdy, lace net, silk us to keep whole ones with stores close tissue and other light textures, while at hand. Those of porpoise leather for washable fabrics it is more than de- are the best, as they will last quite a sirable. The front gore is of moderate while. but fashionable width and separate two The thread should be strong linen, narrow gores on each side, which fit both black and white, and it should be smoothly over the hips and fall in pretty wound on a card, smaller than those for folds with the fashionable flare at the darning cotton, and cut in shape to hold foot. The lower edge measures about it. This will take up less space than three and one-half yards in the medium spools, and be more convenient. size. Bands of braid, ribbon or insertion, with or without ruffles, ruching or a pair of blunt scissors. other applied trimming can be used to decorate the skirt in any preferred style. put into every bag, together with some To make this skirt for a lady of medium surgeon's plaster; and a small tin box size five and three-eighths yards of ma- of some good salve will not come amiss terial 36 inches wide will be required. for bruises or cuts, A roll of clippings Interpreter. "I am sure I have distrib- The pattern 7393, is cut in sizes for a from newspapers might serve to while nted thousands of seed for that enter- 22, 24, 26, 28 and 30 inch waist mea- away some tedious hours-not necessure. With coupon, ten cents.

Now that the early autumn styles are dandelions have the best of it," said In-terpreter. "They have all the winds of heaven to wait upon them, and they are ance, says the Woman's Home Com-deeply appreciated. fleet coursers compared to you and me; panion. We are promised blues for the coming gowns and millinery; also and a mother plant in our pasture out greens, dark reds, warm browns and blue-tinted violet shades. Reseda will "It's like folks emigrating, when the old country's full," said the child.

will be much used in conjunction with fewer still know how to turn them to glittering trimmings. Gray will hold "There are many ways of self-propa-gation," continued Interpreter. "The

way. The wild geranium is another Soft, clinging effects will have the that amounted to genius. During that plant that sends its children flying with preference over all stiff materials. Cash- visit I learned to utilize almost every a snap of the pod-cradles, meaning, evi- meres still have a place in handsome particle of food that came unused from a snap of the pod-cradies, meaning, evidently, to give them a good start in life. Gowns, as do the henriettas and albathe which would, the welfare of the nation, or even of the welfare of the nation, or even of the welfare of the nation, or even of the table. Even that which would, one family, does not depend on the little at a time, and all the while stirvas cloths are made softer and show a use was looked after. Of course, prevariety of open-wrought meshes in all vious preparation was necessary in order ordinary circumstances, not find year a country of a room, why get ring, four tablespoons of salad oil and wildly excited on finding that Bridget the juice of two limes. If properly "'You will find the seed-pod of the variety of open-wrought meshes in all vious preparation was necessary in order sorrel a wonderful thing when you look the new autumn tints. Poplins are that the articles could be made the most at it closely. It has five slits running still with us, and those of high silken of, but that woman's management was hall table?

The properly mixed it will be the consistence of hall table?

A closer wonderful thing when you look the new autumn tints. Poplins are that the articles could be made the most hall table?

The properly mixed it will be the consistence of hall table?

A closer wonderful thing when you look the new autumn tints. Poplins are that the articles could be made the most hall table?

weaves are shown in preference to the tractive dish of it. The roast was care- a light pressure of the finger will do the serving, put a spoonful of salad in the tions.'

"The bitter cress,' says another writer, 'has long, straight, upright pods, like cabbage. When the seeds are ripe, the sides of the pod unroll are ripe, the sides of the pod unroll.

"The bitter cress,' says another writer, 'has long, straight, upright dency to a pretty silken gloss. Ladies' cloth in every conceivable shade will be the worn, and many black ones, made solidated by the worn, and many black ones, made solidated by the worn, and many black ones, made solidated by the worn, and many black ones, made solidated by the worn familiar that there is one text was care and moires. Crape effects fully trimmed, the thick fat and gristle work as well and better? And if we middle of a lettuce leaf.

Peach Pyramid.—P ripe freestone peaches. them on a flat dish with the worn, and many black ones, made solidated by the worn familiar tractive dish of it. The rosat was care an ignt pressure of the ninger will do the serving, put a spoonfol to fully trimmed, the thick fat and gristle work as well and better? And if we middle of a lettuce leaf.

Peach Pyramid.—P ripe freestone peaches. them on a flat dish with the worn, and many black ones, made solidated by the worn, and many black ones, made solidated by the worn familiar tractive dish of it. The rosat was care and moirce fully trimmed, the thick fat and gristle work as well and better? And if we was removed and almost every piece was remo elastically by the unequal drying of ly or with color, are designed for call-experience with my family that there is be well for the nervous and excitable

ing and afternoon affairs. seeds after the fashion of populus, and scatter them to a distance of six or seven feet. Birds carry the seeds of five and seven gore as the best models, some unsightly almost at the outset of the meat seven feet. They clip and minor and haggle; the meats because the seven gore as the best models, some unsightly almost at the outset of the meat seven feet. They clip perturbed self:

"If thou hast run with the footmen, and they have wearied thee, then how cherries and strawberries," continued giving the preference to the latter. The the meal, and at the finish the plates are canst thou contend with horses? And Interpreter, "and the wind comes whisking by in the spring, calling to the maple to know if its winged fruit is ready. So, though the plants cannot will measure not more than four and the mining the plants are useless for the male, and at the finish the plants are covered with scraps that are useless for any purpose. This dish, as I have prepared to the covered with scraps that are useless for any purpose. This dish, as I have prepared to the plants are constituted with horses? And on the squeeze the place of two lemons overed with scraps that are useless for any purpose. This dish, as I have prepared to the wind comes of the place wherein thou contend with horses? And on the latter is the useless for any purpose. This dish, as I have prepared it, has not a particle of waste will thou do in the swelling of Jordan will measure not more than four and dan?"

The following recipes for cookies are run from place to place to find new one-half yards, while the majority will gristle that run through the slices are homes for the baby plants, they have not exceed four yards. The Paquin taken out, and while it makes very small many obedient servants, and sometimes skirt will hold good all autumn, but help themselves very effectually."— the advice for a handsome gown is the really appetizing, and you will see after

real overskirt of quite scant dimensions. of fragments, all of which are eatable, fancy weave, will be used in the great- this I put into the soup kettle to simmer est profusion, and will be applied in all until it is nothing but gelatine. sorts of designs, as well as in straightup-and-down and all-round effects. Some of the dress skirts show the bottom edge cut in vandykes, either bound day I cut from one side of the roast, the or faced back with silk, and beneath is second day from the other. On the placed a three or four inch ruffle that day following we had it cold for lunmay be either plaited or gathered. This cheon, and for the next morning's by the way, is an easy way of lengthen- breakfast a hash made from some careing a dress skirt.

a year ago, and have some simple trimming at the wrist.

have no seam running directly down most relishable. the centre, while many of them do away with the curved seam as well. of hominy. Ordinarily, it isn't taken is danger in giving him too soon a too oven. Revers and fancy collars are shown, into account as very useful, but with great variety. A baby old enough to but the crushed standing collar gives two eggs, a spoonful of sugar and a way to the plainer one, and the bow in bowl of skim milk, which I have put the back is no more.

There may be many readers who do not know what a comfort-bag is. Only I mixed with some milk, sugar and one milk, the piece of bread and the wholean ordinary little bag filled with useful egg, beat and boiled it, poured it into some soup. One delicate little girl of things in the way of needles, pins, boot custard cups and put it away to cool for twenty months, who is a source of care lacings, thread, black and white darning the children's dessert, to be eaten with a to the anxious mother, is taken each cotton, blunt scissors, vaseline, sur- little sugar and cream or maple syrup. geon's plaster, old linen, etc., says the It was most delicious and very delicate.

away during the last war filled with will go into a custard, of which the similar things, and they came to be youngsters are very fond. I put cereals known as "Comfort-bags." The bag on to cook with a liberal hand, because should be of some stout, serviceable they furnish the basis for more little material, with a draw-string that can be desserts than anything else I can emeasily pulled up, and this draw-string ploy.' must be strong and capable of standing hard usage. Ribbon is entirely unfit which is, as you probab y know, prefor this purpose, even the serviceable cisely the same article as wheatena, silk braid, that slips so easily, wears and made by the same firm in the quickly. There is nothing better than same mills. Indeed, farinose is merely knitting silk that is bought on the spool. another name for that article. When It should be twisted into a cord of fairly | we have a surplus, that is either mixed good size, and it will stand any amount with milk and put in forms or goes into

such a cord. It will need at least eight cereals, especially farinose, and often strands of the silk, and these must be get up little French pancakes with jelly, more than double the length that you using either rice or almost any of the wish your draw-string to be.

let some one else take the other end and These are split when hot with a very

pins, it is better than a pin ball, even if callops, custards and griddle cakes are it does take up more room, but it is well made from them and a score of dishes to put in a pin ball, also, that can be with which we are all familiar."" Figured foulard in sage green and carried in the pocket easily. The cush-

Boot lacings are something that will

Do not forget the darning cotton, nor

A small roll of old linen should be sarily stories, but something of interest to men outside of war might be very welcome. The custom of inserting a dainty letter, full of sympathy and cheer, to be read in a lonely hour, is a desirable one to retain, and will be

"Very few housekeepers have a proper appreciation of the value of cereals that be much worn for dressy gowns, and are left from the family breakfasts, and glittering trimmings. Gray will hold account and make not only good and acquired much more than a local repumakes new plants. Many of the wild Of course, black is always good, and tation as a cook and a practical domestic garden balsams when I was a child. very little white and a great deal of cannot imagine. In the first place, all By pressing the right place, the seed- black if the gown is planned for street of this material is of great value in the

> "I spent one summer in a household mies of life were carried out to a point

little use in putting the usual slices of woman to say each day to her oftenplain, gored skirt trimmed according to the meal is over that there will not be an ounce of waste on the plates. This Some of the newest gowns have a method leaves me with a large dishful Braids of all sorts, in both plain and save the hardest part of the gristle, and

"Out of a seven-pound roast I have made two fresh meals of warm meat for fully removed trimmings. This day's Sleeves continue to be tight and well luncheon and a hot dish with gravy for fitted to the arm until the shoulder is to-morrow's breakfast and a luncheon almost reached, when trimming may or dish which we call an alternative will may not be taken on. They come down just clean it up, which is, I think, doing well over the wrist, but not so long as pretty well for one first-class roast weighing seven pounds, after the bones were removed. Of course, we are not very Bodices still blouse stightly in the great meat eaters, as you see, but it is front, though the extreme blousy effect more in the way I manage it than in the There is little doubt that in hot weather is a thing of the past. All waists are actual quantity consumed. And every plain in the back, and most of them one of the meals made from it have been

away for that purpose, I will make a delicious pudding for the children's supper. Yesterday there was a large of the children's supper. of oatmeal left from breakfast, and that to refuse, in many cases, the cup of To-morrow morning I will have rice nearly all the food of which her elders There were hundreds of them sent for breakfast and what is left, if any,

a custard or pudding. We are fond of Almost every one knows how to make griddle cakes made from all of the ety enough; for months, oatmeal, grains. Sometimes we have gems made Now take one end in your hand, and of left-overs mixed with a little flour. both twist at the same time in opposite directions, then place the two ends together, and it will twist itself together to make a strong cord.

Put needles of good size into this bag, of growing childfine ones will be of no use, and do not hood. Stale bread has so many uses little fruit, ripe apples or some stewed. that I can scarcely enumerate them. A little mealy baked potato or some Make a long, narrow cushion for the The most delicious puddings, pies, es-

> Said a physician (reported in "Har-per's Bazar"): "I wonder that women class infant foods mixed according to fail to appreciate how much nervous directions usually proves beneficial. force as well as physical strength they The lightest meal of the day, it almost consume in worrying over the little goes without saying, should be in the things of life. Look at the mother and evening; while it needs to be emphahousewite as she goes about her tasks, sized that the bread which is fed to a and observe how often she utters an child is only digestible after it is impatient exclamation, how often she twenty-four hours old. and to invalidism."

If American women would only learn that it is not work but worry that kills! The average woman puts too much of rections for various ways of using herself into the correction of the children, into the ordering of her household, into the management of her servants. Only a tew days ago I heard a mother and housekeeper say that she the best. Peel, but leave them whole had "worried herself sick" over the and stick two cloves in each. Put them fact that she must change her maid. in a baking dish, letting the sides touch, "Indeed," she confessed, "I cried my- cover them with sugar, dot the top with self into a headache after having a row lumps of butter, and bake in a steady with Norah. These servants will be but not slow oven until done. Excelthe death of me yet!" And this woman lent cold or hot. The finest possible had, as a girl, been bright and sensi- relish for game or fowl or roast pig, as ble, and is a lady, and an educated well as a fine dessert. one. Still she had descended to a "row with Norah!"

serve to make John's beverage more insipid to him and to accentuate his sense of personal grievance. If he has no time to wait while a cup of coffee is properly made, let him at least bear away with him the memory of a cheerful wife who, by her brightness, tried to make him forget the tasteless quality of his morning beverage. And since

ripe freestone peaches. Lay enough of them on a flat dish with the hollows up to form a square. Put in each hollow a lump of sugar that has been rubbed on the yellow rind of a lemon until it is

"If thou hast run with the footmen, of peaches, and fill their hollows likewise. Continue until you have a pyramid. Squeeze the juice of two ler The following recipes for cookies are found in Good Housekeeping.

The mothers whose children suffer in hot weather from prickly heat will be glad to know that if she will put baking soda into the water in which her children are bathed she may do much toward preventing the arrival of the irritating malady. She should not wait until the rash appears before she adopts of ground cinnamon, pinch of ground this simple means to stop its progress but may all through the summer have gether very light, then gradually add soda added to the little one's bath water. In one family where this precaution was taken none of the children were troubled with prickly heat during the entire season, although every preceding year the small boys and girls had been literally peppered with the distressing eruption. -Harper's Bazar.

For the children whose summers are

spent in a warm climate, there is need to exercise especial care in regard to food during the months of July and August, says the Christian Advocate. more harm frequently results from over-feeding than from under-feeding. When the child has passed beyond the "Now, as for cereals. Here is a dish period of an exclusive milk diet, there round cutter and bake in a quick ger, cinnamon, and one of ground allmeal to the table and fed meat, acid fruits, vegetables and something from partake. The mother says that she must give her these things because the little daughter will not touch milk and baby learned that, by refusing certain things, she could get others—and she does get them, with the result of a bad color, an unhappy expression and restless nights.

A child in age from twenty months to two years needs four meals, the day being divided into regular intervals, according to the time of rising and of going to bed. For two of these meals milk and brown bread form varifarina, rice or some other well-cooked mush, salted and without sugar, together with the milk and bread, is a suitable breakfast; and, for the other meal, there should be a bowl of nice clear soup or cream soup, a soft-boiled boiled onion may occasionally be added passed the second birthday, it is far the safer plan, especially in warm weather, to let milk and bread form much the largest part of the diet. If milk posi-

sighs over her servant's shortcomings, Older children need only a little meat how often she starts nervously at a in extremely hot weather. Eggs and noise from one of the children. And soups form substitutes which tend to each time that she loses control over keep the systems in better condition herself, her nerves, her temper, she than does heavy diet. From fresh ripe loses just a little nervous force, just a fruit, good cold bread, nicely prepared little physical well-being, and moves a vegetables, sweet milk and the soups fraction of an inch further on in the and eggs, there, may be arranged appath that leads to premature old age petizing and wholesome summer menus.

> The following recipes, containing dipeaches, are selected from the Kansas City Star:

Baked Peaches .- Indian peaches are

Peach Dumplings .- Roll good rich paste into rounds six inches across. The trouble lies in the fact that we Shape the rounds into cups by pinching women do not give to each event its up the edges. Set the cups in a baking just value. If John's coffee is muddy, pan, and put in each a big ripe peach it is a pity; but it is really not as on the seed, also a generous quantity of dreadful a calamity as if John had sugar and butter. If you like things failed in business. Then why exclaim, very rich, use sweetcake dough instead "Oh dear!" and clasp one's hands ner-vously, and allow a deep frown to come as biscuit. When half done fill up the between the brows, and tears of vexa- cups with sugar and butter. Do not tion to rise to the eyes? These only require sauce, but may be served with

Peach and Tomato Salad .- Take half a dozen firm, white peaches and as many firm, red tomatoes. Peel and quarter, not slice them, and set on ice. Put into a bowl a heaping teaspoon of sugar, a saltspoon of celery salt, onequarter as much white pepper, and dust of Cayenne pepper and five drops at it closely. It has five slits running lengthwise; and behind each one is a row of tiny, shining seeds. The first time I found a ripe pod I pressed it gently between my fingers, and the YOUNG AT SIXTY.

Serene comfort and happiness in advanced years are realized by comparatively few women

Peach Pyramid. - Peel and halve

well flavored, then add a smaller layer

Leb Kuchen .- These are from a Ger-

man recipe, and should be made and

packed away in stone jars, at least a

week before using. They are a very delectable dainty. One pound of pul-

verized sugar, one pound of flour, one-quarter pound of almonds, blanched

and sliced fine, four eggs, two ounces

cloves. Beat the eggs and sugar to-

the flour, to which has been added the

spices, then the almonds and citron. Roll out to one-quarter of an inch, cut

with round cutters, and bake in a mod-

Currant Cookies. - One cuptul of

butter, two cupfuls of powdered sugar,

three tablespoonfuls of sour cream.

tour eggs, five cupfuls of flour, one

teaspoonful soda, one cupful of cur-

rant, grated nutmeg. Put the cream,

butter and sugar together, add the

eggs, beaten light, then the cream (or

buttermilk will do), then the soda,

which has been previously dissolved in

quarter of a cupful of boiling water.

stir in the flour, add the nutmeg and

then the currants. Roll out to a quar-

ter of an inch in thickness, cut with

Ginger Cookies .- One pound of but-

ter, one pound of brown sugar, one

quart of molasses, two teaspoonfuls of

soda, enough flour for a stiff dough,

two tablespoonfuls each of ground gin

melt. Put the butter and molasses in

the bowl together and let them become

thoroughly amalgamated. Add the

brown sugar, let this melt, then remove

from the fire and add the soda dis

solved in hot water. Now work in the

flour, add the spice and when the dough

is stiff enough to handle, roll out, cut

and bake in a moderate, not slow, oven.

The amount of flour used varies, the

quality of the flour and the season of

the year affecting it materially, more

being required in warm weather than in

in cold. If spices are bought freshly

ground from the spice mills, the quan-

article can be had by going to head-

your time fully employed. Do instantly

before it .- Sir Walter Scott.

quarters.

ice. Mix in an earthen bowl. In

erate, not slow, oven.

Their hard lives, their liability to serious troubles on account of their peculiar organism and their profound ignorance concerning themselves, all combine to shorten the period of usefulness and fill their later years with suffering.

Mrs. Pinkham has done much to make women strong. She has given advice to many that has shown them how to guard against disease and retain vigor ous health in old age. From every corner of the earth there is constantly coming the most convincing statements from women, showing the efficacy of Lydia E. Pinkham's Vegetable Compound in overcoming female ills. Here is a letter from Mrs. J. C. Orms, of 220 Horner St., Johnstown, Pa., which is earnest and straight to the point:

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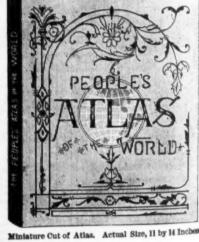
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### OUR HOMES.

For the Massachusetts Ploughman. A COUNTRY BOY'S REVERIE.

The earliest days of my childhood ere passed on an old Maine farm. With a low, gabled house and an ell, And a great old weather-worn barn; A primitive chain-pump stood in the yard And drew the cool water up from the we

My room had a small attic window which looked on the orchard near by tiny brook rippled on through it. which in summer always ran dry.

Behind the old house was a meadow. And a trout-brook deep-flowing and still, Where the bobolinks sang on the bush, While the noisy crows "cawed" on the hill;

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no one for three weary years. The girl sighed as she turned again to the paper and read once more this item:

"A girl who is willing to make her-"A girl who is willing to make hereself useful can find board and lodging for the summer with Mrs. Jennie Patrick at Round Top Farm."

a delicate way of being charitable," she said to herself anxiously. "I should not wish to accept charity." rick at Round Top Farm."

"It seems as if it might be a chance." went down to the store still thinking of

asked of a fellow-clerk.

"So you have seen it, too, have you?" the advertisements in whatever paper

came their way. "Yes," smiled Mary. "Where is it? a chance to get out of the city for the

"Well," answered Nettie deliberately, "Well," answered Nettie deliberately, and was the said Mrs. Patrick cordially. "Only don't waste yourself on a task I can hire chance I'm looking for. I've known about Round Top Farm for several years. It's about fifty miles out, and they say it's a beautiful place."

Then—" began Mary.
"Wait," said Nettie, holding up her hand. "There's everything on that farm, and everything is first-class," she ended impressively.

went on Nettie, "and the fruits are tunate thing I ever did. You seem to

simply fine. I wonder you've never heard of Round Top Farm before." Mary glanced down at the item which

and now held in her hand.

"I don't see-" she began. Don't see!" exclaimed Nettie. smallest detail mean, but that Mrs. Jennie Patrick is particular-cranky, as might say? I wouldn't go there for fifteen minutes 'to make myself useful.' let alone all summer." And with a positive nod of her head she turned from Mary to wait upon a customer who had just come in.

Now the word "particular" had no this one and that one being hard to gained in every way since she's been Long ago her grandmother had here." All our folks are of the last kind."

eeing which, she had repented of her one day she asked Mrs. Patrick. decided words a little. "Put me down she added, interrogatively.

deposited Mary and her luggage and least. He likes to supervise the out- pocket for the notes and heard their guess the rest.—Black and White.

was so tired, and there was no one to regular tasks assigned to Mary. The belongs here!"—Gulielma Zollinger in care that she was tired—there had been girl, quick to perceive, saw that and Wellsp ing. felt it in the atmosphere of the farm before she had been there twenty-four hours.

"I hope Mrs. Patrick's offer was not

It was June and there were berries of said Mary. And the next morning she all kinds to be picked and taken care of. For Mrs. Patrick kept of each berry, the very earliest and latest varieties "Where is Round Top Farm?" she known to horticulture. Mary offered one morning to go out and pick.

"No, my dear," was the kind but posiaid Nettie Burchard.

Both girls were in the habit of reading strength but I should judge you have swall physical strength but I should judge you have skill." And she gave Mary a smile.

"Not much skill," answered Mary, "except in selling silks and ribbons. Do you know? I thought it might be But I believe I can develop some skill if you will not think me pushing and THE RING AND THE GLOVE. presuming."

"Push and presume all you like,"

So Mary began to "push and presume." She was deft-handed and open-eyed. She sorted and packed berries for market, and owing, to her painstaking, the Patrick berries stood a little higher, if possible, in the estimation of buyers. She helped with the canning docketing me mentally. and preserving for home use, and one "The eggs are larger and fresher, the wis are fatter, the butter is better than you can find outer is better the 'Evening Herald' was the most for-

belong here. Behind the glad look that answered her in Mary's eyes a certain wistfulness shone out. And it set Mrs. Patrick she had clipped and brought with her, thinking. But she did not at once formulate her thought, if that could be called thought which was a passive What does first-class down to the opening of her mind to all that concerned Mary and her life on the farm. She noticed that all the Jerseys loved her; that when she stepped out towards their yard the chickens crowded to welcome her; that the sheep were always ready to follow her; that the flowers seem to thrive under her touch; that every dumb thing on the place trusted

her. horror for Mary. She was particular "Shut up a girl like that in a store!" herself and came of a line of particular exclaimed Mrs. Patrick to herself one he did, and, under my direction, filled people. As far back as she had heard morning in August. "A girl that has the third finger sheath with plate the thing is of no use now?" her family, and that was for three sense enough to enjoy living close to powder, which I rammed home with generations, she had heard stories of nature! For she does enjoy it. She's my pencil-case. Then, producing a

said to her, "There's two kinds of par- Yes, Mary did erjoy it. There was a lating stock, displaying a reverent ticular: the fault-finding kind of people time every day for her to read and rest, familiarity most impressive to behold. who like to make trouble and the kind and plenty of reading on hand. How Cleopatra, how they dazzled! Pearls, of particular people who want things could she stand it to go back? she often rubies, emeralds, diamonds, each chalright, even if it does make trouble. asked herself. To live alone in that little lenging the admiration, but checking cooped up room at night and through the desire by the narrow parchment All the morning Mary thought of her small leisure time to stand all day slip attached setting forth the price. these things; and when she went to and minis er to those who were too tired Forty pounds, £50, £100; it was a lunch she said to herself, "I believe I'll and in too much of a hurry, or else too charmed place, where money lost its idle and selfish to care for her more than everyday significance, for what man of A week later she went to try it. And they did for the cash-box that ran on the spirit would be content to offer the Mrs. Patrick, having had notice of her wire to the cashier's desk with their girl of his heart a thing costing a migarrival, was at the train to meet her. money; to hear always, when she was erable tenner when close beside it For Mrs. Patrick had suddenly devel- awake, the rush and roar of the city. twinkled a rose diamond worth a wiloped what was a new phase of philan- Here the very wild birds were friendly. derness of "monkeys"? I felt almost into her cheeks. And how could any one call hens unin- pauperized, recollecting that I had "I am a busy woman," she had re- teresting when they had such confiden- only £75 available from the Derby hun- trying to look away. lied when the minister had come to her tial ways of casting up one eye and talk-dred. to solicit board and lodging for some ing to her? And then she fell to thinkunfortunate child of the city. "I caning what Round Top Farm might be this?" asked the shopman patronizingly, asol tracing a lopsided isosceles triangle not have a child here—I don't under- like in winter. She knew that there as he displayed an opal changeful as the in the dust "but" was little snow, for the farm was not shifting sunlight on a misty sea. "It's

"Well," smiled Mrs. Patrick, "per- wear it over 'er glove." for nothing," she had said, "and then, haps you ought not to ask me, for I own I I see my way clear to do anything I I am in love with Round Top Farm. deavoring to decipher the price. will do it my own way. I suppose a Winter isn't summer anywhere, you child of the city might be of almost any krow. But why don't you stay and see for yourself just how dull and dis- "but they do say one will keep you shall ever care for in that way," I

I've an idea that Nettie Burchard belongs in the store. But Mary—Mary made me look up, and I saw her.

The sensation of being shot through if you lived in the city you would have not nick.

### THE CROW.

With rakish eye and plenished crop, Oblivious of the farmer's gun, Upon the naked ash tree top The crow sits basking in the crow sits basking in the sun.

An old, ungodly rogue, I wot! For—perched in black against the blue, His feathers, torn with bleak and shot, Let woful glints of April through.

The year's new grass, and, golden eyed, The daisies sparkle underneath, And chestnut trees on either side Have opened every ruddy sheath.

But doubtful still of frost and snow, The ash alone stands stark and bare, And on its topmost twig the crow

Takes the glad morning's sun and air.

--William Canton.

of the glove.

remarked, rubbing one eyebrow, less it's a bangle the lady wants,"

wood-scen'ed bit of silk; "but that is the leaving the shop. size. I think." he observed with mild toleration, un- her dress. rolling it. "Well, sir, ladies' fingers

we'll do our best." "Could not the member be reconsti-

tuted?" I asked impressively. That knocked the conceit out of him;

he stared at me helplessly. "Fill it with powder or something," I explained.

It took him five minutes' self-discipline to grasp the startling novelty, but perately: miniature calliper, he took measurements, and began to search his scintil-

The minister had seemed disappointed. far north enough for much of that. And exactly the lady's size, making allow- 'but,' " I observed bitterly. ances, for, of course, she won't want to "That you ought to settle down,"

> "Are not opals unlucky?" said I, en- ing. "Oh, we don't hold with such super-

sprang to my feet.

hope you were not inconvenienced. I

murmured, producing the little sandal- watch pocket, where I had thrust it on edge, you must toil for it; if food you

"So kind of you," she observed, tak- must toil for it.—Ruskin. "Oh-it's the size of the lady's 'and," ing it. Then the powder ran out over

"How stupid!" I gasped, completely vary in girth, and it's more usual to fit demoralized now, and retaking the them with a piece of cardboard; but glove I shook it vigorously until I had the doer think.—McNulty. created a miniature dust storm. She sneezed. I devoutly wished that the tinually looked after from their standflying machine was an accomplished point .- Anon.

fact. "It's ruined," I muttered wofully, for it certainly presented a piebald ap-

She smiled. I sat down, saying des-

"Would you allow me to keep it-"Why?" she answered quietly; but the voice was low.

"To remind me of that happy day," replied, shying. "Indeed? I am glad that you think

of it as a pleasant one," she said gra-"Mr. Turnbull was declaimciously. ing all the way back in the cab. He seemed prejudiced against you." "He may be described as a man who

means well," I observed severely. "I hope he said something actionable." "Oh, hardly that!" she answered, laughingly; "but he seems to have changed his opinion lately. Your name

She paused; a sudden flame leaped

"What did he say?" I demanded, red.
"Now, sir, what do you think of man," she replied, the point of her par-

> "Ab, there is much virtue in that she continued, tossing her head and ris-

"So I shall!" I cried; but it depends upon my lady. I have her portrait here stition," replied the jeweller loftily, in this case. She is the only girl I added, because a little qualification and started down the road at a rattling

then rolled out again, Mrs. Patrick atood waiting on the platform. Here strong face lighted with pleasures as she looked at the girl's creet, siender form, the delicites, sensitive face and the previous or in the serve had about me that needs the sensitive face and the previous or in the platform. Here is the sensitive face and the previous or in the platform of the sensitive face and the previous or in the platform of the sensitive face and the previous or in the platform of the sensitive face and the previous or in the platform of the sensitive face and the previous or in the platform of the sensitive face and the previous or in the platform of the sensitive face and the previous or in the platform of the sensitive face and the previous or in the platform of the sensitive face of

with end bloome was a meadors, that he two-broad deephowing and still, well as the bloom of the bloom of the broad the storm decked the window of the thrush. The state of the storm decked the window with the state of the storm decked the window with the state of the storm decked the window with the state of the storm decked the window with the state of the storm decked the window with the state of the storm decked the window with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the storm decked the windows with the state of the state of the storm decked the windows with the state of the stat

The sensation of being shot through the heart has not, I believe, received adequate literary expression, those who experience it being usually preoccupied at the exact moment with other matters; but I think I know what it means.

She stopped, and we gazed at each other. She was in deep black, but the pallor had gone from her oval cheeks. She made me a half-tentative bow. I sprang to my feet.

TRUIT AND STOCK FARM, 6 miles to Lowell to pay for fruit that you would not pick up from the ground now. How would you like the ever-present possibility of losing your place and having your income cut off for a time, with no money to pay expenses that always accumulate so fast? Think of all these things before you give up the quiet and peaceful life of the country with the certainty of a comfortable home even if you do not have ice cream and fried chicken every have ice cream and fried chicken every

A well-known writer has said: "My

Not what we think or say, but what we do, will have its effect upon the world. Let, then, the thinker do and

Our duties to others ought to be con-The true pilot is the man who navi-

gates the bed of the ocean even more than its surface.-Victor Hugo. Every man truly lives so long as he acts his nature or some way makes good the faculties of himself. — Sir Thomas Brown.

## He Couldn't Ride.

do. Anybody can ride one of those

machines."

got at home," he said, as he mounted it

## FARMS FOR SALE.

MARY HALIBURTON'S CHANCE

"I wonder if this is a chance," mused
Mary Haliburton. The cares of the day
were over, and she sat alone in her tiny
ever over, and she sat alone in her tiny
ever over, and she sat alone in her tiny
ever over, and she sat alone in her tiny
ever over, and she sat alone in her tiny
ever over, and she sat alone in her tiny
ever over, she wast back over the story of her
Mary Haliburton. The cares of the day
were over, and she sat alone in her tiny
ever over, and she sat alone in her tiny
ever over, and she sat alone in her tiny
ever over, she wast treed, and there was no one to
was so tired, and there was no one to
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was so tired, and there was no one to
was no tired the winter of life I am bastening fast.

Addi later in the day. Even the ring in own and its crowded loneliness, but always. A will stored and coulled by domestic duties, decided to call later in the day. Even the ring in own provides when the wide of the wide on this is modulies, decided to call later in the day. Even the ring in own provides when the wide on this is modulies, decided to call later in the day. Even the ring in own additional could like, decided to call later in the day. Even the ring in own additional coulties, decided to call later in the day. Even the ring in own additional could like, decided to call later in the day. Even the ring in own additional could like, decided to ca

sprang to my feet.

"I'm so glad to see you," I cried, bave ice cream and fried chicken every day. To make the best of what you because I want to restore something you forgot in the restaurant yester—a few weeks ago."

"How kind of you?" she said, coming near.

"Oh, not at all," I replied; "but I hope you were not inconvenienced. I

A well-known writer has said: "My

Takes the glad morning's sun and air.

William Canton.

THE RING AND THE GLOVE.

I put my hand in my breast pocket hurriedly, and extracted my handker-chief, which in turn brought to light a sheat of letters and memoranda I shook out at her feet like a skilful conjurer. Then I tried the other pocket, but wainly.

"A ring, sir?" said the attendant, a cockney to his finger tips. "What sort of a ring?"

"An engagement ring," said I valorously.

"What size, sir?" demanded the man, docketing me mentally.

"But the cab went so quickly," I pleaded; "ah, do sit down until I find the clove.

"But the cab went so quickly," I pleaded; "ah, do sit down until I find the polyve.

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"But the cab went so quickly," I pleaded; "ah, do sit down until I find the polyve.

"What size, sir?" demanded the man, docketing me mentally.

"But the cab went so quickly," I pleaded; "ah, do sit down until I find the property of the polyve.

"But the cab went so quickly," I pleaded; "ah, do sit down until I find the property of the most part, about all the thought have ever had, of all the feedings I have ever had, of all the feedings I have ever performed. Character is the quintessence of biography; so that everybody who knows my character, knows what for forty or more years I have been doing and thinking."

"I recollect—I missed it," she said coldly.

"But the cab went so quickly," I pleaded; "ah, do sit down until I find the recollence of the property of the most part, and the thought have ever had, of all the feedings I have ever performed. Character is the quintessence of biography; so that everybody who knows my character, knows what for forty or more years I have been doing and thinking."

"I a man has no regard for the time of their money? What is the difference between taking a man's hour and tak-ing is many hour and tak-ing is many hour and tak-indentifies the doubt. The most part, and pleaded; "ah, do sit down until I find the resultant of all the tho

"Five and a half," I replied, thinking of the glove.

"That's rather an unusual size," he remarked, rubbing one eyebrow," "unless it's a bangle the lady wants,"

"I'm not sure she wants it at all," I murmured, producing the little sandal-murmured, producing the little sandal-wood-scented bit of silk; "but that is the wood-scented bit of silk; "but that is the word nature is that a certain quantity of work is necessary to produce a certain quantity of work is necessary to produce a certain quantity of good of any kind whatever. If you want knowledge, you must toil for it; and if pleasure, you must toil for it; and if pleasure, you must toil for it.—Ruskin.

"Everything up in first class shape for country is not provided."

"I'm not sure she wants it at all," I word not take so much trouble," she murmured plaintively.

"Hurrab, I have it!" I cried, and I wantly of work is necessary to produce a certain quantity of good of any kind whatever. If you want knowledge, you must toil for it; if food you must toil for it; if food you must toil for it.—Ruskin. a beautiful take for long distance. Fine shade trees. Summer rustic house. Low tax rate. Everything up in first class shape for country tarm or stander boarding place, with a first class trade established. Good sugar, ordhard 200 buckats. Price \$4500. Very easy terms. Only I mile to two villages. Where can you find a better bar gain! E. H. CARHOLL, Warner, N. H., or J. A WILLEY, 178 Devonshire St.

I DEAL GENTLEMAN'S HOUSE — 25 miles from Boston, excellent steam and electric service, 1 mile to P. O., Stores. Churches and Schools. 30 acres level land free from rocks. Splended set of buildings. 2-story house with ell,—10 finished rooms, painted white and recently shingled; sets back 500 ft. from main street where electrics pass (2 lines). Gravelled driveway lined with Maple and Linden trees on both sices leads to house; plenty shrubby, Barn (painted and cupols) 35x47, 2-story sped 35x18, carrage and tool house 18x30, one poulty house 15x20, two others 8x10, another shed for storage of tools. etc., 16x9. Fine cold well of water, small apple orchard bearing well, another of young trees just begining to bear, buildings on an elevation 30 ft. higher than street. Keeping at present 8 head cattle and 2 horses. Price \$6500. Iree and clear, one third can remain if desired.

"It's the easiest thing in the world to daybox of a large war, on a main road, and an exceptionally good neighborhood. Price \$220t.

do. Anybody can ride one of those machines."

"I want to know," exclaimed the gawky-looking youth; "do you think I could stay on if I got on?"

"I know you could."

"And make her go?"

"And make her go?"

"On't you want to try it?"

And the tourist in knickerbockers winked slyly once more at the intested bystanders.

"How do you keep from falling off the blessed thing?"

"All that you have got to do is to climb on, start it going and keep going."

Take it out and get on."

The gawky chap took hold of the bicycle awkwardly and trundled it out into the middle of the road.

"It isn't quite as good as the one I've got at home," he said, as he mounted it and started down the road at a rattling and started down the road at a rattling and started down the road at a rattling and started down the road at a rattling."

see for yourself just how dull and disagreeable Round Top can be?"

"Oh, Mrs. Patrick!" exclaimed Mary; and her eyes filled with tears.

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"Oh, Mrs. Patrick!" exclaimed Mary; and her eyes filled with tears.

"In can it," said Mrs. Patrick.

"On that he advertisement that for, to tell the truth Mr. Patrick hates or except the out."

"On that hot summer morning when the said sare teen the most exatted down the road at a rathing pace, "Not." And promotive of yours, too." And pressing the spring, I handed the case to yours, too." And pressing the spring, I handed the case to yours, too." And pressing the spring, I handed the case to yours, too." And pressing the spring,

ACRES FOR \$2000. — Cottage house and ell, 7 rooms; 1 mile to Stores, Post Office, Station, etc. Water supply from fine spring; cuts 10 tons hay, can be made 10 cut more; a good variety of all kinds fruit; only 24 miles from Boston and on a main roan. Barn 18x24 with addition for stock, work shop, hennery for 200 fowls, note the price \$2000.

TOCK and GRASS FARM 85 acres. One of mile to station and P.O. 27 to Boston. House 9 rooms, barn 30x85, annex 22x55, shed and way on house; all buildings painted and in good condition; well shaded; 500 peach, well truited, 17c plum just beginning to bear, 75 bearing apple trees, 10 cows, pair horses. 50 towis, all farming tools, crops, and 50 tons in barn. Price for all \$6000.

CUTS NEARLY 100 TONS HAY, will pasture 20 to 25 head; running water in all buildings by pipe; 427 acres, finely located, everything in thrifty condition, hay having been spent on place. Quantities of apples, pears, plums and cherries; I mile to depot, P. O., stores; two other villages within 1½ miles. Good two-story house, one barn 40x80, one 30x40, one 30x30; carriage house, 2 ells, other out buildings. Borders handsome sheet of water ¾ mile. Price \$4000, ¼ cash, which is less than buildings cost. Large list of farms and village places, for particulars of which address E. H. CARROLL, Warner, N. H., ex J. A. WILLEY, 178 Devonshire St., Boston

TWO HUNDRED ACRE Connecticut River Farm. So acres in tillage; 60 of this being in one field. Perfect land; every foot tillable and very productive. 70 acres pasture, 60 wood and timber. 300,000 feet timber ready for marked. Mill less than ½ mile of farm. Nice old style farm house, some 12 or 14 rooms. Barns 100x50 and 132x43 and connected; piggery 127x15. All newly pa. te 1 and arranged in the most modern and convenient order. Cellar under entire barns, divided into four sections, running water in each section. Water to all buildings from two never falling springs. 150 ton sile. Stable fitted with the "Bidwell Adjustable Stall." Cuts 100 tons hay and fodder. Keeps 55 head cattle, 5 horses, 30 sheep and 50 swine. This farm is only four minutes from station; stores, churches. and schools near. This valuable property is offered with or without stock and tools. As a stock farm it cannot be excelled. Investigate this. Personally examined. Photograph at office of J. A.

EVEL, FREE FROM ROCKS -½ mile to stores, P. O., Schools and Church; barge passes door to meet every trai. Splendid set of buildings, house of 8 or 9 rooms, connected to barn and all painted white, green blinds. Farm contains 40 acres, borders pond on back and has cottage which rents in summer for parties, and in fall to gunners Large strawberry bed, apple or chard of 200 bbls. in season. Price only \$2800. and only 25 miles from Bostom Lake is ½ mile long, same wide. Photo. at Office.

ESSEX CO.—Farm 150 acres. 2 miles to Station. 1 mile to electrics; 30 acres English mowing, 45 pasture, 25 meadow. balance woodland, cuts 50 tons hay, will easily cut 75 tons; milk sold at door; 80 apple trees, pears and peaches; good land. Watered by well, springs and aqueduct. House 2 story, 13 rooms in good order, Barns 36x60 and 32x40 with sheds, cornbarn, work shop, etc. Price \$9000, Suitable for gentleman's farm or country residence, in towa of low tax rate.

LL HRALTH—Compels owner to sell this 27 acre village fruit and poultry farm, located in town known for its educational advantages. Farm is 30 rods from R. R. Station and 44 mile to village, Attractive 2 story house of 13 rooms, bay windows, handsome lawn with fine shrubbery and shade trees; 8 ft cellar under whole house, (perfect for keeping fruit). Barn 33x40 with Lz 28x33; all buildings in best of condition and newly painted; on high land, sightly and healthy, Best of water in all buildings. Milk sold as door. 2½ miles to city of Mariboro, 16 to Worcester. Land is rolling, scutherly slope, equally divided; cuts 26 t. ns. hay, 100 ton sile, keeps at present 4 cows and 2 horses, but will carry a much larger stock, Pultry houses for 300 to 400 hens; main one 25x50, 2-stories; others are 12x18, 12x20, 10x30, in good repair. Fruit consists († 200 apple trees right in prime, mostly Baldwins and Hubbardstons.; 250 to 300 pear trees, largely Bartletts and Seckels; can arbible 30 varieties. All trees to the state in the state of the sta mostly Baldwins and Hubbardstons.; 250 to 300 pear trees, largely Bartletts and Seckels; can exhibit 30 varieties. All trees in their prime, fancy prices for all fruits obtained as owner can show. ½ acre sraspherries, ¼ acre blackberries, ¼ acre strawberries; owner has an estableshed trade for small fruit in village. This is without doubt one of the best places on the market today and is soid only because of the owner having met with an injury. In town of low tax rate, with money in bank to its credit. Will reserve a portion if all is not wanted. Photo. at my office.

J. A. WILLEY, Sola Agant.

STOCK FARM.—200 acres, 6 miles from cities of Lewiston and Auburn, Me., 2 miles from Poland Spring Hotel, 34 to R. R. Station, P. O., Stores, etc. Land level, all worked by machinery, very fertile soil, buildings at junction of four roads House 9 rooms connected by woodshed to large barn 110x55, tie ups for 80 head. running water before all stock; stable lathed and plastered, cellar bottom of flat stone, cement sides, water tight, 2 silos, 60 and 120 tons each; barn No. 2 is 40x50 tor tools, grain and threshing; all buildings in fine repair. Ice and cream house; 3 miles to one creamery 6 to another: barn No. 2 is 40x50 for tools, grain and threshing; all buildings in fine repair. Ice and cream house; 3 miles to one creamery 6 to another; teams pass door, milk now sold in Portland. 20 acres in orchard, grafted fruit, right in prime. Pastures all reseeded, furnish excellent feed, fences first class; great corn land, large amount grown for canneries; 1 within 1 mile 3 within three miles, farm now carries 30 milch cows, 4 horses, (pr. blk, mares 2400 lbs.) 6 swine, 50 fowls, sulky plow, 2h-corn planter (plants 2 rows at once) weeder, smoothing harrow, corn hoe, seed sower and harrower, 3 mowing machines, 2 or 3 horse rakes, tedder, horse pitch fork, 5-6 hay racks, several farm wagons, tip cart, cultivators, hoes, shovels, carts and sleds, 3 each, D. and 8. harnesses, lead do. plow do., every thing in way of small tools. Farm free and clear, will consider good property near Boston in exchange. Price \$6000. Personal sold at appraisal. Recent death of owner reason why the widow desires to sell. One of the sons can be seen by appointment at this office. An excelent opportunity to procure a banner farm is here offered. J. A. WILLEY, 178 Devonshire St., Boston.

SOUTH EASTERN N. H. FARM.-125 acres, OUTH EASTERN N. H. FARM.—125 acres, 565 mowing and tillage, 60 pasture, wood for home use, land level, free from stones, clay subsoil, 10 acres underdrained, cuts 100 tons English hay, yearly. The ups for 35 head and 5 horses, best of never falling water house and barn, 160 Baldwins and russets in bearing; 400 bbis, in season, 50 young apple trees 5 years old, all varieties, pears, grapes and raspberries. Ice pond on farm, brook in pasture, 2½ story house painted and blunded, lawn and shade, shed and carriage house. Barn 90 x 40 with wing 50 x 36, ice house and hennery. Barn clapboarded and painted, all buildings in first-class condition, 1 mile to postoffice, stores, schools and churches, 1½ miles to one depot 3 miles to and churches, 15 miles to one depot 3 miles to ancher, 50 to Boston on main line B. & M. Price \$10,000.

MIDDLESEX CO. STOCK FARM—For S or to Lease—20 miles from Boston, 1 to miles to 3 stations; 125 acres no waste land nearly all tile drained, all worked by machinery cuts 90 to 100 tons hay, accommodations for 75 head and 16 horses, (Have kept 110 head and 16 horses) manbon house, 18 rooms, cement cellar, furnace heat; barn 130 ft. long, 2 silos, 250 tons each, Sheep shed 60 ft., piggery 90 ft., with boller room, 2 set bollers, siaughter house connected; wagon sheds, 2 work shops, carriage house 40x40, cott barn 50x30; never falling water supplied by windmill, thrown into a slate tank in barn of 6700 gallon capacity. Fine orchard, 150 bbl. Gravenstiens, 125 bbl. Baldwins in 1897, besides other varieties; 100 plum trees, raspberries, currants, peaches, Concord and Moore's Karly grapes, 200 fine vines. Buildings in fine repair, situated on high land, shaded by beautiful elm and maple trees; 5 minutes walk to street cars. Butter sells at door to parties who call for it at 30 cts \$\psi\$ b, can sell all can make. 1200 bushels corn '97. All tools and machinery are of the best and latest make, and will be included (in sale only) if desired. Stock consists of 22 head, 5 horses, 40 sheep and 25 swine, 2 thoroughbred bulls. Will sell farm and personal for about one fifth of original cost, or will rent for one or three years will be privilege of buying for \$1200 per year. All particulars of J. A. WILLEY, 178 Devonshire St., Boston.

TRUIT CRANKS READ THIS.—Situated within ½ mile of W. D. Hinds' celebrated Peach Orchards, that for several years past have been awarded the prize by the Mass. Horticultural Society as the best truit garden in the State, Farm contains over 100 acres land, equally divided into tiliage, pasture and wood land; land rolling and free from rocks; especially adapted to fruit growing through this section, as it is above the frost line; 1½ mile to Depot, 2 to Stores, P. Office and Church, ¼ to School; near good neighbors; keeps 7 head and 4 horses; silo 12x12; running water supplies buildings; 125 Apple, 30 Pear, 100 Peach Trees, 1 acre Strawberries, 1½ acre of Blackberries, (3000 qts. Biks. 100 crates Strawberries) 2½ story house, 9 rooms; good shade; barn 36x45, ell connects house and barn; new shop 20x24; 2 hen house ; all buildings in good condition. Price \$3500, \$1000, down. Apply to W. D. HINDS, Townsend, Mass., who will show it by appointment, or J. A. WILLEY, 175 Devonshire St., Boston.

MANY OTHER DESIRABLE FARMS for sale
Any size, price or location desired—Address MASS. PLOUGHMAN

J. A. WILLEY, 178 Devonshire St.



### THE HORSE.

### Care of the Team in Summer.

cure a perfect fit is of the utmost im- ing. Considerable of the crop is yet to

Frequently collars are purchased dur- crop are favorable; it is in good condiing the winter or early spring when the tion and growing rapidly. The proshorses are in good flesh. With regular pect for cranberries seems fairly en- look well. work the team loses weight and as a couraging, and the general opinion consequence the collars are too large. favors an average crop. The season is Unless carefully watched, and the collar a week to ten days late. Early apples adjusted, the shoulders will become are plentiful in parts of Massachusetts.

and neck with cold water every evening average crop in some parts of these when commencing work in the spring states and in parts of Maine. But takor during hot weather. The addition ing the district as a whole the crop will of salt or alum to the water will make be light-not sufficient for local conit more effective in preventing any sore- sumption. ness. It removes the inflammation and toughens the skin.

I have found the use of a pad-either in the case of a collar that is too large. ready to harvest. The harness should fit the collar properly and be fastened tight against it. If tion; potatoes good crop; apples heavy the hames are not properly fitted the in some sections. point of draft will not be at the proper | Cumberland .- Growing weather; too apples in the market. place, and the point subject to extra damp for having. pressure will soon become bruised.

I prefer a canvas-faced, hair-filled collar without a neck-pad, to anything weather injures hay. else I ever used. They are heavy at the bottom, but light at the top, and but getting too dry; some potato rust; are made to unfasten at the top when light apple crop. putting on, which is a great improvement over the old way of slipping the damaged. collar over the head. The collar should be well cleaned every morning. All thirds finished. accumulations of sweat and dirt should Oxford .- Corn and potatoes fair be removed, leaving the surface perrest upon them. Put springs under the good, others light crop. wagon tongue to carry its weight, use no agricultural implement that is not wet for hay; grain doing well. balanced. Let a team pull the weight but never carry any of it on their necks. Frequent backing without the use of at a standstill. breeching and choke straps will also horses properly harnessed, or do not in some portions; some hay to cut. force them to back with a load.

The style of breeching called hip breeching is serviceable, light and inexpensive.

Make the team as comfortable as posweather. Use harness as light as consistent with the work required, and have them well fitted. Harness should be cleaned and oiled frequently, using less oil, however than at other seasons, as liberal oiling has a tendency to make the harness hotter than they would otherwise be. Neatsfoot oil is preferable to any other as it will not become gummy.-O. J. Vine in the Michigan

To be successful in breeding horses ries light; hay not yet secured. requires good judgment and careful management. I am satisfied no colt should be allowed to pass the age of two years before his education is begun. He will yield more readily to your will. He will be better broken and safer, and if carefully used will make a stronger and more durable horse than if allowed to run wild until four or five years old. I am not a believer in any patent threeday system of breaking colts. We should not be in a hurry. Teach one thing at a time, and when that is well established, then something else. Have lots of patience, show kindness, establish in him confidence in you. In short, use good horse sense and you will hardly ever have trouble. Right here I want to put in a plea for the horse. How many there are who own and use horses who give no thought to their comfort, but use them as they would a machine, try to grind all they can out of them with as little care, feed and expense as possible! All the return a horse gets for a life of toil and slavery is just what care and kindness is shown grain fair and ready for harvest; potahim by his master. The horse is a very sensitive animal and can appreciate kindness almost to a human degree. He will do more and better service for you than if ill-treated.

horse bedding. Healthy and economical and widely used. C. B. Barrett, importer, 45 North Market street, Boston, Mass

Orop Bulletin.

FOR WEEK ENDING MONDAY AUG. 1, 1898 OFFICE OF THE UNITED STATES WEATHER BUREAU, Boston, Mass., Aug. 2, 1898.

The drought has continued in New Hampshire and Vermont, and all crops are now suffering for want of rain. Early potatoes are a short crop on account of the dry weather, and corn and late potatoes are now in danger. There is still considerable grass to cut. Apples are light, in some sections there are none. In remaining portions of the district the weather of the past week has been excellent for all growing crops. Showers have been of frequent, in some During the summer months farmers sections of daily occurrence. These, and teamsters are liable to have more with the high temperature have been or less difficulty in keeping the shoul- productive of rapid, in many instances ders and necks of their teams from be- phenomenal growth. All crops have coming galled and sore. The hotter the advanced rapidly. Corn is very promweather the more care is necessary, ising. The sweet variety is now being With proper care and vigilance, much marketed in parts of Massachusetts, of the difficulty can be prevented, and Rhode Island and Connecticut, and fodprevention is better that cure. Ill-fit- der corn nearly ready to cut. Potatoes ting collars and harness are a fruitful promise a good crop, though there is cause of sore shoulders and necks. The some complaint of blight and rust, due collar should fit the neck snug and tight, to the excessive moisture, especially in like a glove fits the hand, with room Rhode Island and Connecticut. The ket; crops promising. enough at the bottom to allow the open showers, with warm, muggy atmoshand to pass readily inside of it. To se- phere have caused a standstill in hay-

Rhode Island and Connecticut, and are It is a good plan to wash the shoulders now ripe. Winter varieties are an

Extracts from reports, by counties: MAINE.

Androscoggin.-Fine growing weath- potatoes and second crop clover look a hair-filled or felt pad-advantageous er; crops in good condition; grain well.

Hancock .- Potatoes promising; fruit average crop in some sections; moist

Kennebec. - Crops generally good,

Knox.—Growing weather; some hay Lincoln .- Rain needed; having two-

fectly smooth. Sore necks can usually Penobscot. - Corn good; potatoes be prevented by allowing no weight to fair; apples uneven, some orchards

Somerset.-Good crop prospect; too Waldo.-Growing week; early pota-

toes light; corn good but late; having

Washington. - Good condition of cause sore necks. Either have the crops, except too dry for late potatoes

Belknap .- Crops suffering for rain:

apples scarce. Cheshire.-Rain needed; crops look sible at all times, especially in hot well; having at a standstill, much to cut; apples and berries light crop. Grafton.-Good haying, but too dry

for crops; grain looks well. Hillsboro.—Improved crops, but need more rain; much upland hay to cut;

early potatoes light. Rockingham .- Early potatoes light;

moist weather delays having; rain

Addison.—Crops improved, but need rain; oats good, harvest well along; early potatoes light; corn good.

Bennington.-Rain needed; oats fair,

Chittendon.—Warm weather favor-able but rain is needed; haying about Northern Cumberland, South

completed.

ed; grain ripening; onions promising; drought unfavorable to grapes. Orleans .- Crops fair but need rain;

apples scarce. promise a light crop; oats good, now

harvesting; corn fair. Washington. - Corn doing well; toes light unless there will be rain

Windham. - Tobacco good; apples few; early potatoes light; rain needed. Windsor.-Corn promising; fair crop Nothing equal to GERMAN PEAT Moss for of grain being harvested; potatoes fair.

> MASSACHUSETTS. Barnstable.—Growing weather; pota-

The Weather Burean's Weekly toes blasting and rusting in places; cranberries an average crop.

Berkshire,-Good crops; much hay injured by rain.

aged some grain. Essex.-Damp weather injured hay but helps crops.

Franklin .- Prospects good; apples dropping, small crop; tobacco good; berries fair.

Hampden. - Potatoes and garden truck good; fall apples plentiful; haying at a standstill. Hampshire. - Growing weather;

corn, potatoes and tobacco good; general rain would be beneficial. Middlesex.-Crops promising; corn in market; tomatoes ripening; apples

Norfolk.-Potatoes and corn backward; prospect good for second hay

Suffolk .- Good weather for all crops;

too wet for late having. Worcester .- Crops growing fast; some damage by high wind; potatoes

in danger from blight. RHODE ISLAND.

Bristol .- Sweet corn in the mar-Newport.-Good growing weather crops look well.

be secured. The reports of the tobacco too wet for potatoes, danger of rotting. Washington .- Too wet for potatoes, probably some damage; other crops

CONNECTICUT.

Fairfield .- Rain too late for many potatoes; corn good; fall fruit promising; oats now harvesting.

Hartford .- Tobacco and corn good; potatoes show injury by blight; having about completed.

Litchfield .- Berries fair; corn good; mowed lands and pastures improving. New Haven.-Crops growing fast; corn good; blight threatening potatoes; apples small crop.

Tolland.-Blight appearing on pota-Aroostook. - Crops in good condi- toes; damp weather damaged hay.

Windham .- Growing weather; sweet corn ripe; fodder corn being cut; early

J. W. SMITH, Section Director. Boston, Mass.

## AGRICULTURAL FAIRS

FOR 1898. We shall be glad to receive information from secretaries relative to the dates of hold ing Fairs not included in the following list

	MASSACHUSETTS.	
-	Amesbury and Salisbury, Amesbury, Sept. 27, 29	
	Brockton, Brockton Oct. 5, 8	
	Barnstable, BarnstableAug. 30, Sept.	
;	Berkshire, Pittsfield Sept. 13, 15	
,		
	Diackstone vaney, Chorioge 21, 20	
_	Diletoi, I additoit	
8	Deerheid valley, Charlemont. 15, 16	
8	Lose A. I caudity	
-	Franklin, Greenfield " 22, 23	
	Hampden East, Palmer " 20, 21	
_	Hampshire, Amherst " 15, 16	
0	Hampshire and Franklin, North-	
	ampton Oct. 5, 6	
	Highland, MiddlefieldSept. 7, 8	
-	Hillside, Cummington 27, 28	
-	Hingham, Hingham " 27, 28	
g	Hoosac Valley, North Adams " 21, 22	
	Housatonic, Great Barrington. " 28, 30	
_ 1	Manufacturers' Agricultural,	
f	North Attleboro Aug. 30, 31	
_	Marshfield, Marshfield " 24, 26	
8	Martha's Vineyard, W. Tisbury Sept. 20, 21	
	Middlesex North, Lowell 15, 17	
	Middlesex South, Flamingmann, 10, 10	4
	Nantucket, NantucketAug 31, Sept.	1
9	Oxford, OxfordSept. 8, 9	
7	Plymouth, Bridgewater " 14, 16	
	Spencer, Spencer " 22, 23	
k	Union, Blandford " 14, 16	
	Weymouth, South Weymouth Sept. 29, Oct.	1
0	Worcester, Worcester Sept. 6, 8	
-	Worcester East, Clinton 15, 16	

Worcester Northwest, Athol... "14,15 Worcester South, Sturbridge... "15,16 Worcester West, Barre.... "29,30 MAINE. Cumberland, Gorham...... Cumberland Farmers' Club, W. Sullivan.—Rain much needed; corn and potatoes injured; apples and ber-

North Berwick Agricultural, No

Rutland. — Rain needed; potatoes Orrington Agricultural, Ossipee Valley Union, Cornish Aug. 20, 22 Orrington Agricultural, Ossipee Valley Union, Cornish Aug. 30, Sept.1 Pittston Agricultural Pittston.

Somerset Central,
Shapleigh and Acton, Acton...
Springvale A. and M. Associa-West Oxford, Fryeburg ..... Sept. 27, 29

West Penobscot, Exeter..... " 27, 29
West Piscataquis..... Bristol.—Crops growing fast; too wet Washington County, Pembroke. "14, 15 West Washington, Cherryfield. "14, 15 in places for potatoes; high wind dam-York County, Saco...................... Aug. 30, Sept. NEW HAMPSHIRE.

Bradford & Newbury, BradfordSept. 27, 29 Rochester, Rochester. .... 13, 16 Champiain Valley, Burlington. Sept. 6, 9 Rutland, Rutland, "13, 15 

CONNECTICUT. Berlin, Berlin..... Sept. 21 Branford, Branford..... 

East Granby. East Granby.... Oct. Farmington Valley, Collinsville Sept. 7, 8 Granby. Granby. Granby. Granby. Granby. 64. (illingworth, Killingworth.... Simsbury, Simsbury .... Oct. Stafford Springs, Stafford 

Wallingford, Wallington,
Willimantic Fair Association,
" 27, 29 Wolcott, Wolcott ..... Oct. 12 NEW YORK.

Albany, Altamont ...... Sept. 12, 15 Allegany, Angelica
Binghamton Industrial, Binghamton onville, Boonville Boonville, Boonville ... 6, 9
Brockport, Brockport... Sept. 28, Oct. 1
Brookfield, Brookfield... Sept. 19, 22
Broome, Whitney Point... 6, 9
Butternut Valley, Morris... 727, 29
Cambridge Valley, Cambridge Aug. 29, Sept. 2
Cape Vincent, Cape Vincent... Sept. 13, 16
Catskill, Margaretville... Aug. 23, 26
Cattaraugus, Little Valley... Aug. 30, Sept. 2
Caynas Auburn.

Columbia Chatham.....

 Delaware, Delhi
 6, 8

 Delaware Valley, Walton
 Ang, 30, 8ep

 Dryden, Dryden
 20, 22

 Dundee, Dundee
 28, 29

 New London .- Oats light; corn,

Dutchess, Poughkeepsie. Sept. 6,
Erie, Hamburg. 12, 1
Essex, Westport 19, 2
Franklin, Malone 27,
Franklinville, Franklinville 6,

Jefferson, Watertown.....Sept. Lewis, Lowville..... Montgomery, Fonda.....Aug. 29, Sept.

Naples, Naples Sept. 27, 29
Niagara, Lockport 22, 24
Oneida, Rome 12, 16 Oneonta, Oneonta..... Onondaga, Syracuse ..... Aug. 22,

 
 Ontario, Canandaigua
 Sept. 20, 22

 Orange, Middletown
 " 13, 16

 Orleans, Ablion
 " 22, 24

 Oswego, Oswego Fails
 " 13, 16
 Putnam, (armel ... Aug. 30, Sep Queens, Mineola ... June 15, 16, Sept. 26 Red Hook, Red Hook ... Sept. 14, 16 Rensselaer, Nassuu ... 20, 23 Riverside, Greene ... 13, 16

Saratoga, Ballston Spa...... seneca, Waterloo ..... "

Another Dreaming Match.

The rather old story of a white man

and an Indian each dreaming that the

other had given him certain coveted

things, and claiming them that his dream might come true, is told in a

new form of George Galphin, a famous

old South Carolina Indian trader. We

find it in "Bench and Bar of South

Chief Mogoloch from beyond the

Savannah river spent the night at Mr.

Galphin's. In the morning the Indian

"Ah!" said Galphin, "what did my

"Me dream you give me fine big

rifle"-in Galphin's possession at the

The trader instantly passed the rifle

Next morning Galphin said to the

"What you dream?" asked Mogo-

"I dreamed you gave me the Chicka-

saw stallion"-which the chief was

"If you dream um you must have

um," said the chief, and the horse

was straightway transferred to the

The next morning the Indian re-

IOOD WHEELS

THE ELECTRIC STEEL

marked, "I dreamed last night."

to the chief, saying, "If you dreamed

said, "Me dream last night."

red brother dream?"

it, you must have it."

then riding.

chief, "I dreamed last night."

Carolina."

 
 Shavertown, Shavertown
 " 28, 29

 Silver Lake, Perry
 " 27, 30

 Steuben, Bath
 " 6, 9

 Steuben, Southern, Troupsburg
 " 6, 9

 27, 23
 " 27, 23

 Tompkins, Ithaca,
 Sept. 6, 9

 Ulster, Ellenville
 6, 8

 Union, Paimyra
 92, 24

 Union, Pottersville
 28, 29

Union, Trumansburg ... 13, 15
Washington, Sandy Hill. 6, 9
Wayne, Lyons ... 15, 17
Welisville, Welisville ... Aug. 15, 19 Westchester, White Plains.....Sept. 26, Oct. 1 

Androscoggin, Livermore Falls. Aug. 30 Sept. 1

Association, East Pittston. Penobscot, Hampden...... Biverside Park Assoc'n, Bethel Sept. 13, 15 Richmond Farmers' Ciub, Rich-

"What did my red brother dream?" was the inquiry. "I dream," answered Mogoloch,

you gave me red coat you wear, and much calico." "If you dreamed it you must have it," said Galphin, and the Indian re-

ceived the red coat and calico. Next morning it was Galphin's turn.

He said to the chief, "I dreamed last night. "What you dream?" was Mogoloch's

inquiry. "I dreamed," replied Galphin, "you gave me ten miles of land around the Ogeechee old town."

"Wugh!" said the Indian; "if you dream, you must have nm, but I dream with you no more."

The New England Fair will be Larger and Better Than Ever Before.

of the country every year, there is one which stands pre-eminently above all others and this is the New England Fair. It is only natural that this should be so, for while the ordinary fairs are of necessity confined to limited fields the New England Fair takes in not only New England, but during the past few years many exhibits have been made from the western states and Canada.

This year the fair will be held at Portland for the fourth time, and it will unquestionably be a record breaker both so far as exhibits and

attendance are concerned. The premium list is the largest ever offered more and better attractions have been secured than ever before, and the entries for the races DO YOU KEEP COWS? far exceed in number those of any previous fair. And while speaking of the races it is well to remember that Rigby is the greatest mile track in the world, and it is the only track east of Boston visited by the cream of the light harness brigade. At many of the other fairs the racing is good, but it is only at Rigby that you see the real thing.

The City of Portiand has appropriated \$2.500 for providing for the entertainment of those who come to the fair, and the week of August 22, 27, will be a good one to make a note of, and if you can possibly leave your business for two or three days, or even a day, you cannot spend your time more pleasantly and profitably than in attending the New England

Parties intending to enter articles of any kind in the New England Fair, Aug. 22, 27 should make application by mail to Secretary of the Fair, at Portland. Illustrated catalogue

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INTERNALLY—A half to a teaspoonful in half a tumbler of water will in a few minutes cure Cramps, Spasms, Sour Stomach, Nausea, Vomit-ing, Heartburn, Nervousness, Sleeplessness, Sick Headache, Fiaiulency and all internal pains Malaria in Its Various Forms Cured

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This popular ladies' journal, now in its twenty-fourth year, is as readable and attractive as the best writers and artists can make it. It is an unrivaled high-class magazine of general and home

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